MINUTE BOOK.

1865 - 1872.

571

Minute Book of the Scottish Meteorological Society; Commencing 13th April 1865,

— Ending 22nd November 1872

5 Dr?t

Meeting of Council held in the Society's Chambers on 13th. April 1865, at 3 P. M.-

Present - Mr. Milne Home - in the Chair -
Admiral Ramsay -
Mr. Stephens -
Mr. Johnston -
Mr. Sanderson -
Mr. Hope -
Mr. Smith -
Dr. Jackson -

The Meteorological Secretary -
The Treasurer -
Sir John Stephen Stuart Forbes had written to the Treasurer that Business, in the Country, must prevent his being present -

The Minutes of last Meeting, held on 16th. March last, were read, and found correct -

The Chairman mentioned that, as stated in the billets, his chief object in calling this Meeting was that the Council might decide on an offer which had been made to give accommodation to the Society, for the coming year, in the Premises of The Philosophical Institution, No. 4 Queen Street, through the kind offices of Mr. R. M. Smith - and also the materials for the next No. of the Society's Journal - further, the subject for investigation to be taken up by Mr. Buchan -

As regards the Offer of Premises, the Chairman, Mr. Smith, and Mr. Johnston, were appointed a Committee, with powers to consider the subject, having the

in mind the fact of Premises having already been taken for the coming year, and to arrange as might to them to be best in the circumstances –

The Chairman brought forward the subject of materials for the next No. of the Journal – And it was resolved that these materials should consist of –
The Registrar General's Tables –
~~The~~ Notes of the Weather of the Quarter –
Abstract of the Secretary's Paper on Storms laid before the Royal Society –
On the Climate of Pau and Biarritz –
The annual Report on Medical Climatology –
Observations made at Castle Newe Station –
– Do. ——— at Inverest ——— Do. –
Additional Stations –
Table of Crops &c. for 1864 –
Minutes of Meeting of the Council –

The subject for investigation to be next taken up by Mr. Buchan to be the weather of Season 1864, in relation to the Crops of that Year –

It was agreed that an interchange of publications should take place with the Royal Scottish Society of Arts, as proposed by that Society –

13th April 1865

The Treasurer reported that since last Meeting of the Council the following Gentlemen had agreed to their being proposed for Election as Members of the Society, viz.—

As Life Members — John Inglis of Glencorse, The Right Honble. Lord Justice Clerk

Andrew ~~Rutherf~~ Webster Esqr. of Rutherford, S.S.C.—

David Bryce Esqr., Architect

John Fraser Esqr., Manager of the Life Association of Scotland

And as Annual Members—

~~The Right Honble. John Inglis of Glencorse, Lord Justice Clerk~~

Lawrence Robertson Esqr., Cashier of the Royal Bank of Scotland.

William James Duncan Esqr., Manager of the National Bank of Scotland—

William Thomas Thomson Esqr., Manager of the Standard Life Assurance Company—

Patrick Brodie Esqr., Manager of the British Linen Company—

Alexander Kincaid Mackenzie Esqr., Manager of the Commercial Bank of Scotland—

Samuel Raleigh Esqr., Manager of the Scottish Widows' Fund Assurance ~~Company~~ Society—

Robert Tennent Esqr., 21 Lynedoch Place—

David Davidson Esqr., Treasurer of the Bank of Scotland.

~~John Fraser Esqr., Manager of the Life Association of Scotland.~~

Thomas Usher Esqr., Brewer, St. Leonards—

James Gowans Esqr., Rockville, Napier Road—

James Moncrieff Melville Esqr. of Hanley, W.S.—

Mr. Robert Birnie, Seton Mains, Tranent—

On the motion of the Chairman each of these Gentlemen was unanimously elected a Member of the Society—

Meeting of Council, held in the Society's Chamber, on 6th May 1865, at two P.M.—

Present— Mr. Milne Home — in the Chair —
Mr. Stephens —
Mr. Cunningham —
Mr. Johnston —
Mr. Elliot —
Mr. Sanderson —

The Meteorological Secretary —
The Treasurer —

Sir John H. S. Forbes had sent an apology for his necessary absence.

The Minutes of last Meeting of Council, held on 13th. ultº., were read, and found correct —

The Chairman mentioned his reasons for having called the Council again so soon, which were approved —

Admiral Fitzroy's decease — Before proceeding further, to business, the Chairman moved a resolution, having reference to the so lamented decease of Rear Admiral Fitzroy, in the following terms, vizt.—

The Council resolve to record their deep regret at the untimely and deplorable death of Rear Admiral Fitzroy, who has been for so many years Superintendent of the Meteorological Department of the Board of Trade —

As the Council had frequent occasion to communicate with the deceased in his official position, they desire to bear testimony to the zeal and assiduity with which he discharged his important duties, and to the courtesy and readiness with which he imparted information whenever applied to.

They wish also to express their sense of the great services rendered by him to the Science of Meteorology, and the

Meeting of Council, held in the Society's Chamber, on 8th May 1865, at two P.M. –

Present – Mr. Milne Home – in the Chair –
Mr. Stephens –
Mr. Cunningham –
Mr. Johnston –
Mr. Ellcot –
Mr. Sanderson –

The Meteorological Secretary –
Mr. S... ...res –
... sent an apology for his necessary
... Meeting of Council, held
...ed, and found correct –
...ntioned his reasons for having
...en so soon, which were

...ther, to business, the Chairman
... having reference to the
...se of Rear Admiral Fitzroy,
...ngst. –
...o record their deep regret at
...the death of Rear Admiral
... so many years Superintendent
...partment of the Board of Trade –
...ent occasion to communicate
...cial position, they desire to bear
... assiduity with which he discharged
... to the courtesy and readiness with
...ation whenever applied to.
... is their sense of the great services
...ience of Meteorology, and the

8 May 1865

Sir

I am directed by the Council of the Scottish Meteorological Society to transmit to you two copies of ~~the~~ a resolution passed by them bearing reference to the late Rear Admiral Fitzroy, – in order that one of them may be laid by you officially before the Board of Trade, and that you may have the goodness to forward the other to Mrs Fitzroy, as I am ignorant of her address –

To the Secretary of the Board of Trade

Meeting of Council, held in the Society's Chamber, on 8th May 1865, at two P.M. —

Present — Mr. Milne Home — in the Chair —
Mr. Stephens —
Mr. Cunningham —
Mr. Johnston —
Mr. Elliot —
Mr. Sanderson —

Meteorological Society of Scotland
Edinburgh 8 May 1865

The Council resolve to record their deep regret at the untimely and deplorable death of Rear Admiral Fitzroy, ~~the Supt~~ who has been for so many years Superintendent of the Meteorological Department of the Board of Trade.

~~They desire to bear testimony to the zeal and assiduity with which the deceased discharged ~~the~~ his important official duties, as well~~

As the Council had frequent occasion to communicate with the deceased in his official position, they desire to bear testimony to the zeal & assiduity, ~~with~~ ~~as well as to the courtesy and readiness~~ ~~which he ever evinced~~ with which he discharged ~~the~~ his important duties, ~~entrusted to him~~, and to the ~~courteous~~ courtesy and ~~acceptable~~ readiness with which he imparted information whenever applied to —

They wish also to express their sense of

Meeting of Council, held in the Society's Chamber, on 6th May 1865, at two P.M.—

Present— Mr. Wise Hume— in the Chair—
Mr. Stephens—
Mr. Cunningham—
Mr. Johnston—
Mr. Ellcot—
Mr. Sanderson—

of the great services rendered by him to the science of Meteorology, and the advantages which resulted ~~from his labours~~ to the community generally, and especially to the Maritime and commercial interests, ~~by~~ from his system of weather forecasts and storm signals; and they sincerely trust that this system, followed as it now ~~also~~ is by several other countries, will be continued by our Government, — ~~both~~ alike as a fitting tribute to the memory of the distinguished man who established it, and as a means of disseminating ~~valuable~~ useful intelligence ~~of a valuable and useful nature~~, throughout Great Britain and other parts of Europe.

The Council request the Honorary Secretary to transmit a copy of the foregoing resolution to the Secretary of the Board of Trade, as also to the Widow of the deceased

advantages which resulted to the Community generally, and especially to the Maritime and Commercial interests, from his System of Weather forecasts and storm-signals; and they sincerely trust that this System, followed as it now is by several other Countries, will be continued by our Govern:ment — alike as a fitting tribute to the memory of the distinguished man who established it, and as a means of disseminating useful intelligence throughout Great Bri:tain and other parts of Europe.

The Council request the Honorary Secretary to transmit a Copy of the foregoing Resolution to the Secretary of the Board of + Trade, as also to the Widow of the deceased —

The resolution was unanimously agreed to, and it was directed to be communicated to the Board of Trade, and to Mrs. Fitzroy, accordingly.

The Treasurer mentioned that, since last Meeting, the following Gentlemen had intimated their willingness to be proposed for Election as Members of the Society, viz. —

As Life Members —

✓ His Grace The Duke of Sutherland — £5.–.–
✓ * John Sharp Esq., Chairman of the Chamber of Commerce, Dundee 5.5.–
✓ * Henry Walker Esq., Vice Chairman of Do. — Do. 5.5.–
✓ John Croall Esq., Middlefield House, Leith Walk — 5.–.–
✓ George Malcolm Esq., Merchant, Dundee 5.5.–

As Annual Members —

~~Mr. Sanderson~~ The Honble. Lord Ormidale £–.10.6
~~Mr. Stephens~~ — The Honble. Lord Deas. –.10.6
~~Mr. Milne~~ ~~Home~~ — Rev. Dr. Goold –.10.–
~~Dr. Jackson~~ ? William E. Hunter Esq., M.D. –.10.6
✓ F. L. Scrymgeour Wedderburn Esq. of Wedderburn & Birkhill 1.1.–
✓ George Gilroy Esq., Merchant, Dundee 1.1.–
✓ James Walker Esq., — Do. — Do. 1.1.–
✓ William Lockhart Gibson Esq., M.D., Do. –.10.6
✓ George Ramsay Esq., Manager, Scottish Union Insurance Co. –.10.6
✓ James Greenhill Esq., Manager, Clydesdale Bank, Edinr. –.10.6
✓ * James R. Symonds Esq., Merchant, Edinburgh 1.1.–
✓ * Robert L. Symonds Esq., Procurator Fiscal, Do. 1.1.–
✓ Archibald Gibson Esq., Secretary, Caledonian Railway Co. –.10.6

✓	Peter Bruce Esq., St. Bernard's Cottage, Edinburgh	£ 1.10.–
✓	Alexander Dickson Esq., Hermiston	1. – . –
✓	Charles S. Dods Esq., Haddington	– .10.–
✓	William Scott Esq., Timpendean, Jedburgh	– .10.–
✓	James Bartholomew Esq., Duntarvie, Winchburgh	– .10.–
✓	John Crombie Esq., Lauriston Place	– .10.–

Special thanks were directed to be expressed to Mr. Oliver G. Miller of Rathes, Dundee, for his so kind and successful recommendation of the Society.

New Premises –

The Committee reported that the Room now offered by the Directors of the Philosophical Institution was very eligible for the Council's accommodation; and they were empowered to arrange accordingly, provided Entry could be had, to the exclusive use of the Room, at or prior to 28th inst. – In the event of this arrangement being made, an offer by Mr. Gibson, to become the Society's sub-tenant of the Rooms in Charlotte Street, at a Rent of Twelve pounds stg., which was submitted to the Meeting, to be accepted –

New Post Office Letter from Treasury –

The Treasurer stated that a communication had been received from The Treasury, to the effect that the Council's request for a change in the accommodation proposed to be allocated, for the use of the Society, in the new Post Office Building, would be taken under consideration when the final disposal of the accommodation in that Building was under consideration –

Faro –

The desirableness of Faro as for a Station for the Society was brought before the Meeting, and Mr. Buchan was instructed to make enquiry on the subject –

New Zealand –

A Paper on Meteorological Observations made at Dunedin, New Zealand, presented through Professor Balfour, was laid on the table –

Mr. G

Mr. Buchan laid on the table two Letters which he had received from Mr. Christopher Kerr, Dundee, intimating that all the arrangements in connection with a Station there had been satisfactorily completed, and, on the suggestion of Mr. Stephens, the cordial thanks of the Council were directed to be expressed, by Mr. Buchan, to the Directors of the Eastern Necro:polis of Dundee, and to Mr. Kerr, personally—

The following Annual Members of the Society were, on their own application, elected Life Members of it, in terms of the Laws, viz:—

John Stewart Hepburn Esq. of Colquhalzie—
The Right Honble Lord Polwarth—
Sir Edward Colebrooke, Bart.—
W. G. Bryson Esq., Cutler House—
John Cox Esq., Gorgie—

Meeting of Council held in the Society's Chambers, 4 Queen Street, on 21st June 1865, at 3 P.M.;

Present –
Mr. Milne Home – in the Chair –
Mr. Stephens –
Dr. Jackson – who stated that Dr. Christison, now in London, had requested him to apologize for his absence – Mr. Stevenson, ~~also had~~ and Dr. Johnston, had also requested Mr. Buchan to apologize for their absence –

The Meteorological Secretary –
The Treasurer –

The Minutes of last Meeting of Council, held on 6th. ulto., were read, and found correct –
The Chairman stated that, as mentioned in the Billets calling the Meeting, he had convened the Council for considering –
1. The business to be brought before the approaching Halfyearly General Meeting of the Society –
2. What should form the Contents of next No. of the Journal.
3. The Election of Parties who had requested admission, as Members of the Society, since last Meeting of Council –

Board of Trade & Mr. Fitzroy – The Chairman reported that an answer had been received from the Secretary of the Board of Trade, acknowledging receipt of the resolution which had been adopted at last Meeting of Council, and mentioning that the Board had communicated it to Mr. Fitzroy, who had expressed his gratification on receipt of it –

The necessary arrangements were made for the approaching Half Yearly General Meeting, which, it was resolved, should be held in the Hall No. 5 St. Andrew Square, on Wednesday the 5th proxo. unless it should turn out to be necessary to change the day - The Chairman kindly agreed to address the General Meeting on the Diagrams exhibited to this Meeting, shewing the Daily Elements throughout the Year 1864, in London, at an Elevation of 95 feet above Sea level, and at March Hall, Edinburgh, 270 feet above Sea level -

Letters from the Marquis of Tweeddale were read, relative to the establishing of Stations in Ireland - Consideration of the subject was deferred till next Meeting of Council -

A. R. Reel. The Chairman submitted, in Dft. a communication to the Commissioners of Northern Light Houses ~~on the~~ with a view to obtaining Extracts from the Returns made to them by their Light House Keepers, in so far as these relate to the subject of Storms, and to obtaining Complete Meteorological Returns from three of the Light Houses mentioned in the Communication - The Treasurer was directed to have it written out and transmitted to the Commissioners -

Northern Light Houses

The Treasurer mentioned the following as the Names of the Parties who had intimated their wish for election as Members of the Society, since last Meeting, viz.

As Life Members—

George Armitstead Esq., Errol Park, Errol — £5.5.—
James Paterson Esq. of Kinnettles, Dundee — 5.5.—
William G. Don Esq., St. Margarets, Broughty Ferry 5.5.—
Thomas Smith Esq., Merchant, Dundee 5.5.—

All these are proposed by Mr. O. G. Miller, of Ratho, who has already been so good a friend to the Society—

John Cowan Esq. of Beeslack — 5.—.—

And as Annual Members

× Sir David Brewster, Principal of the University of Edinburgh £1.—.—
✓ William Cox Esq., Merchant, Dundee (also proposed by Mr. O. G. Miller) £1.1.—
✓ Mr. John Ballantyne Junr., Dalkeith —.10.—
✓ — William Hope, Corn Merchant, King's Stables —.10.—
✓ James Wright Esq., Secretary, Royal Bank of Scotland .10.6
✓ William Spence, Secretary, British Linen Co. —.10.6
✓ James Watson Esq., Manager, Scottish Provident Insur. Socy. —.10.6
✓ Gilbert L. Finlay Esq., Manager, Edinburgh Life Assurance Co. —.10.6
✓ William Dickson Esq., Secretary, — Do. Do. —.10.6
✓ John Geddes Esq., Mining Engineer, Edinburgh —.10.6
✓ Henry Graham Lawson Esq. 25 George Square 1.1.—
✓ Mr. Walter Elliot, Galashiels —.10.—
× — Bryden Monteith, Liberton Tower Mains —.10.—
✓ James Macdonald Esq., Writer, Dunfermline 1.1.—
✓ Mr. Robert Hardie, Kelso —.10.—
✓ — William Gray, Southfield, Duddingston —.10.—
✓ John C. Hay Esq., Architect & C.E., Edinburgh 1.1.—

J. McNaughton Esq., Corn &c. Merchant, King's Stables	£1.0.–
Mr William Mein, Seedsman, Kelso	–.10.–
William W. Gibson Esq., Bonnington House	1.1.–
Douglas Murray Esq., Longyester	1.10.–
Mr Robert Jack, West Craigs, Corstorphine	–.10.–
– John L. E. Scott, Buckholm, Galashiels	–.10.–
– George W. Muir, Caberston, Innerleithen	–.10.–
– William Pearce, Burnfoot, Morebattle	–.10.–
William Scott Jun. Esq., The Green, Wiston	1.–.–
Alexander Tod Esq., St Mary's Mount, Peebles	1.1.–
Adam Skirving Esq. of Croys, Dalbeattie	–.10.–
William Fraquair Esq., W.S.	–.10.6
David Curror Esq., of Wester Craiglockhart, S.S.C.	–.10.6
Mr John Thynne, 21 Danube Street	–.10.–
– Thomas Owens, Galashiels	–.10.6
Adam Rolland Esq., 20 Atholl Crescent	–.10.6
Charles Jenner Esq., Princes Street	1.1.–
John Russell Esq., 4 Baxter's Place	1.1.–
John Beatson Bell of Glenfarg, W.S.	–.10.6
Charles Macgibbon Esq., Architect	–.10.6
£25.14.– Alexander Mitchell Esq., Dalkeith	–.10.–

On the motion of the Chairman each was elected a Member, in terms of the Laws.

~~Sir D. Brewster~~ A letter from Sir David Brewster, in the following terms, was submitted, and the cordial thanks of the Meeting were expressed for his kindness as to Meteorological Observations referred to by him. Directions were given for the subject being brought under the notice of the Royal Society.

Prognostics. Mr McDonald. The Chairman directed attention to the Essays which had been lodged, last year, in competition for the Prize offered by the Marquis of Tweeddale, and expressed the opinion which he had formed of them, and which was concurred in by the other Members of Council to whom they had been referred –

16 June 1865

Mr Buchan some weeks ago sent to me 7 Essays wh. were last year lodged in competition for the Marquis of Tweeddale's Prize, for the best explanation of the Popular Prognostics of the Weather collected by Dr Mitchell

Having now read these, I am of opinion that there are two very deserving of the Prize, — viz that by Mr Dobson & that by Mr Abercromby

The former appears to me the best, — though it is to be regretted that the author besides giving the explanations asked for, has gone into other matters — no doubt of great Meteorological interest, — but scarcely relevant to the Prognostics —

Mr Dobson however has shown a much more extensive knowledge of Meteorology than Mr Abercromby, and therefore I think is superior to the latter, and has produced a highly instructive paper.

The paper which ranks 3d in my opinion bears "Fire & ~~Frost~~ Hail" on its title page —

David Milne Home

Corn [?] Merchant, King's Stables	£1.0.–
Seedsman, Kelso	–.10.–
Esq., Bonnington House	1.1.–
Esq., Longyester	1.10.–
...at Craigs, Corstorphine	–.10.–
Buckholm, Galashiels	–.10.–
...ester, Innerleithen	–.10.–
Burnfoot, Morebattle	–.10.–
Esq., The Green, Mishaw	1.–.–
..., St Mary's Mount, Peebles	1.1.–
Esq. of Coops, Dalbeattie	–.10.–
... Esq., W.S.	–.10.6
of Wester Craigduckie, S.S.C.	–.10.6
21 Danube Street	–.10.–
...s, Galashiels	–.10.6
Esq., 20 Atholl Crescent	–.10.6
..., Prince's Street	1.1.–

Dr. Jackson laid on the table a Report from the Medico-Climatological Committee, along with brief accounts from some of his Correspondents of the Climate of their respective localities, and it was agreed that they should appear in the next No. of the Journal —

~~Climatological Committee~~ —

...ure — The Chairman, seconded by Mr. Stephens, proposed the following expression of thanks — "The Council, on "now receiving from the Treasurer a list of so many "new Members, consider it due to Mr. Gibson to "record in the Minutes their high satisfaction with "the manner in which he has laboured in the interests "of the Society, as they believe that they are to a "great extent indebted to him for the large accession "of new Names which, within a comparatively "recent period, have been added to the Membership." This motion was agreed to; and the Treasurer expressed his great gratification that his very humble efforts on behalf of so useful and important a Society should be approved by the Council —

As it was expected that Dr. Johnston, the Society's Auditor, would be so engaged otherwise as to make his auditing the Treasurer's Accounts scarcely within his power prior to the approaching General Meeting, the Chairman and Mr. Stephens kindly undertook to discharge this duty.-

The Council on now receiving from the Treasurer a list of ~~40~~ so many new members consider it due to Mr. Gibson to record in the minutes their high satisfaction with the manner in which he has laboured in the interests of the Society as they believe that they are to a great extent indebted to him for the large accession of new names which within a comparatively recent period have been added to the membership.-

Meeting of Council, within
No. 5 St. Andrew Square,
on 5th July 1865, at 2 P.M.

Present -
Mr. Milne Home - in the Chair -
Admiral Ramsay +
Dr. Jackson -
Dr. Johnston -
Mr. Smith -
Mr. Stephens -

The Meteorological Society -
The Treasurer -

The Minutes of last Meeting, held on 21st ulto., were read, and found correct -

Ireland - The subject of Stations in Ireland was again brought forward, as was also that of a Station on the Faroe Isles - when the Chairman undertook to communicate with the Marquis of Tweeddale as to both -

It was agreed on that the Memorial to the Commissioners of Northern Lights should be deferred till next Meeting of Council -

Report of Council – The Chairman submitted to the Meeting the Report which he had prepared for the General Meeting about to be held, and it was approved and adopted by the Meeting –

~~The Treasurer proposed, as New Members, The~~

~~Right Honble. The Lord President~~	~~£1.1.–~~
~~Thomas Graeme Murray Esq., W.S.~~	~~1.1.–~~
~~John Drybrough Esq., Brewer~~	~~–.10.6~~

Meeting of Council, in the Society's Chambers, 4 Queen Street, on 5th. October 1865 -

Present -
Mr. Milne Home - in the Chair -
Mr. Stephens -
Dr. Johnston -
Mr. Stevenson -
Capt. Thomas -
Dr. Mitchell -
Mr. McLaren -
Dr. Jackson -

The Meteorological Secretary -
The Treasurer -

The Minutes of last Meeting, held on 5th. July last, were read, and found correct -

The Chairman reported that he had been in communication with The Marquis of Tweeddale as to Stations in Ireland, and the result of that communication - Dr. Johnston also reported a communication he had received from The Marquis, and the Meeting was gratified by the prospect that appeared of Stations being established in Ireland -

The Chairman reported what he had done as to a Station on the Faroe Isles; and read a letter he had received from , as also a Letter from the Marquis of Tweeddale on the same subject, and one from General Bulwer -

~~the Chairman undertook~~ and he agreed to continue his attention to this subject, with, he had reason to hope, a successful result.

The Chairman said that, before proceeding to refer to (see 2d page after this, a.t.p.)

It was agreed that the following should form the Contents of the ~~forthcoming~~ No. of the Quarterly Journal, viz:

Paper on Sea Temperature, and Density of ~~the~~ Sea Water.

Rainfall at Haddington, for 30 years ending 1864.

Notice of a remarkable Solar Rainbow, by Captn. Thomas, R.N.

Also, if there should be space, a Table of Rainfall at Carbeth-Guthrie, for years ending 1865.

× Dundee - two Stations - Cargoes - Auchendrayne - Inveresk - Dalkeith - Aberdour - Burntisland - Thurston - East Linton - Speaton - North Esk Reservoir -

Mr. Buchan read a Report of the result of his visits to the following Stations of the Society, during the present Autumn, viz. × The Report was considered very satisfactory, and Mr. Buchan was thanked for it, and it was agreed that he should continue his visits to the Stations as frequently as his other duties might admit of. Dr. Mitchell reported his having also visited the Stations at Bressay, East Yell, Kirkwall and Sandwick, and had found all in a very satisfactory state. Thanks were returned to Dr. Mitchell also.

Thanks were voted to Professor Piazzi Smyth, for a valuable letter, dated 28 July last, addressed by him to Mr. Buchan, relative to certain Returns from Members of the Society, and the Treasurer was directed to communicate these thanks to the Professor.

Meeting of Council, in the Society's Chambers, 4 Queen Street, on 5th October 1865 -

Present -
Mr Milne Home - in the Chair -
Mr Stephens -
Dr Johnston -
Mr Stevenson -
Capt. Thomas -
Dr Mitchell -
Mr McLaren -
Dr Jackson -

The Meteorological Secretary -
The Treasurer -

The Minutes of last Meeting, held on 5th July last, were read, and found correct -

The Chairman reported that he had been in communication with The Marquis of Tweeddale as to Stations in Ireland, and the result of that communication - Dr Johnston also reported a communication he had received from The Marquis, and the Meeting was gratified by the prospect that appeared of Stations being established in Ireland -

The Chairman reported what he had done as to a Station in the Faroe Isles; and read ~~a letter he had received from , as also a Letter from the Marquis of Tweeddale on the same subject, and one from General Bulow -~~

Scottish Met. Soc. A meeting of this Society was held yesterday ~~in the~~ Dr. A. Mitchell in the chair. Mr. Buchan reported his visit to the Society's Stations at ~~Perth Dundee & St Andrews~~ which were ~~reported~~ found to be in good order. ~~It was~~ It was agreed to publish among other matter Mr. Buchan's paper on the prevailing winds of Scotland with a chart & a paper on the climate of Ireland. It was Mr. Buchan was authorised to represent the Society at the Meteorological Congress ~~at Leipsic~~ to be held at Leipsic on the 14th instant. Mr. Stevenson described a form of daylight photometer consisting of a small chamber with an aperture of ~~variable~~ variable area worked by symmetrically graduated screws & a hygrometer ~~in which~~ for investigating the formation of cloud consisting of an apparatus for raising the temperature of water until visible vapour is given off

D. Johnston submitted a letter from D. Chaplin, the Society's Observer at Jerusalem, dated 14 Aug. last, as to the Instruments at his Station; and D. Johnston undertook to communicate with D. Chaplin on the subject.—

D. Johnston mentioned that he had had a communication from Mr. ~~Lapworth~~ Sandwith of Haifa, as to a Station there, which promised to be a very important Station for Observations for the Society, and D. Johnston undertook to continue correspondence on the subject.—

The Treasurer was directed to have the Memorial to the Commissioners for Northern Lights written out, and signed by D. Johnston, as the Society's Honorary Secretary, and presented to the Commissioners.—

The Meeting agreed to accept an offer from the Directors of the Philosophical Institution of the use of the Room immediately underneath the one at present in use, the latter being required by the Directors for other purposes—

The subject for investigation by Mr. Buchan, it was agreed, should be the peculiar characteristics of season 1865— and he was authorized, also, as time might admit, to take up the consideration of the localities in Ireland where Stations might be planted with the greatest probable advantage to Meteorological Science.—

Irish Stations

Mr. Buchan was directed to correspond with Mr. Dotson, the successful competitor for The Marquis of Tweeddale's Prize for Essays on Prognostics, as to what Mr. Dotson's views might be on the subject of giving publicity to the Essay.

Dr. Mitchell mentioned that the Observer at East Yell, Mr. Matthewson, would be much the better for a Box for his Instruments, and it was agreed that he should have a Box formerly returned from Lona.

× the different matters mentioned in the billets, he had a com:munication to make to the Council of a peculiarly gratifying nature. The Marquis of Tweeddale, the Noble President of the Society, having fully participated in the regret felt by the Members of the Council that the Society's funds should have exhibited their recent unfavorable position, had, in addition to all his former benefactions to the Society, sent to the Treasurer, through Dr. Keith Johnston, the munificent Sum of Fifty Seven pounds, which fully covered the Amount the Society had expended in advertising the Prizes so generously offered by His Lordship for Essays on Subjects vitally connected with the Society's success in its broad term of practical Science; and the Chairman proposed that the heartiest thanks of the Council should be tendered to His Lordship for this addition to all the other benefits he had already, with so much intelligent discrimination, conferred on the Society.
The proposal of the Chairman was most cordially adopted by the Meeting, and he was requested to communicate to His Lordship the heartiest thanks of the Council accordingly. This he kindly undertook to do. It was mentioned that Letters of thanks, on behalf of the Council, had ~~addressed~~ already been ad:dressed to His Lordship by Dr. Johnston and the Treasurer.

They

The Treasurer said that it gave him great pleasure to mention that, chiefly through the Donation from the Marquis of Tweeddale, as already mentioned, the whole obligations of the Society, up to the date of the last Half-yearly General Meeting (5 July last) had been liquidated, and that a Balance remained on hand toward meeting the Expenditure of the Year now current thus-

In Union Bank at 5 July 1865	£ 37.14.7
— Treasurer's hands at — D°.	10.6.6½
	£ 52.1.1½
Donation received from the Marquis of Tweeddale	57.-.-
	£ 109.1.1½
Due to Mess.rs Murray & Gibb, Printers, at 5 July 1865 £76.8.8	
— to Mess.rs W. & A.K. Johnston at D°. 21.19.1	98.7.9
Balance of Funds	£ 20.13.4½
And, estimating the outstanding Arrears (subject, however, to deduction of whatever may be the percentages due to the Meteorological Secretary and the Treasurer) at, say	74.6.7½
The Amount of Assets may be held to be about	£ 95.-.-

The Treasurer was directed to use all due means (by Circular or otherwise) for preventing Arrears of Subscriptions from accumulating.

He reported that, since last Admission of Members, the following Gentlemen had offered themselves for Election to the Membership of the Society, viz.—

As Life Members—

J. G. C. Hamilton Esq.r of Dalzell	£5.-.-
J. L. Campbell Esq.r of Achalader	5.-.-
J. G. Rose Innes Esq.r of Netherdale	5.-.-

and

and as Annual Members –

The Right Honble. Duncan McNeill, Lord President of the Court of Session	£1.1.–
Thomas Graeme Murray Esq., W.S.	1.1.–
John Dryborough Esq., Brewer	–.10.6
Mr. James Middlemas, Cloth merchant	–.10.6
— Archibald Craig, Do.	1.1.–
— William Tait, Apothecary (of Messrs. Duncan Flockhart & Co.)	–.10.–
— W. J. Ford, Hope Crescent	1.1.–
— W. Christie, 16 George Street	1.1.–
— James Cowan, Royal Terrace	1.1.–
Charles McLaren Esq., Moreland Cottage	–.10.6
William Ivory Esq., W.S.	–.10.6
George Young Esq., Solicitor General	1.1.–
General Lang, Langhouse, Greenock	1.–.–
Robert Blair Esq., Ingleston, – Do.	1.–.–
James Morton Esq., Greenock	1.1.–
H. L. Tennent Esq., Sheriff Substitute, Do.	–.10.6
James Craig Esq, Murrayfield	1.1.–
James K. Aitken Esq., of Stockbriggs, Lesmahagow	1.1.–
Revd. Robert Home, Glencairn	–.10.–
Dr. George Keith, Edinburgh	1.1.–

Each of these Gentlemen was, on the motion of the Chairman, elected a Member of the Society in terms of the Laws.–

Meeting of Council, in the Society's Chambers, No. 4 Queen Street, on 6th December 1865, at 2 p.m.

Present. The Most Noble The Marquis of Tweeddale in the Chair – Mr. Milne Home – Mr. Stephens – Mr. Smith – Dr. Johnston – Mr. Stevenson – Mr. Cunningham – Dr. Mitchell – Mr. Sanderson – Captn. Thomas – Dr. Jackson – The Secretary – The Treasurer.

The Minutes of last Meeting, held on 5th October last, were read, and adjusted –

Taken in on p. 4 of this Minute – New Members

The Treasurer reported the following parties as having intimated a wish for admission as Members, since last Meeting –

As Life Members –

/	√ George Adinston McLaren Esq., 1 Cassels' Place	£5. – . –
/	√ James Falshaw Esq., Castle Street	10. – . –
/	√ Andrew Smith Esq., Willowbrae House, Jock's Lodge	5. – . –
/	√ George Alston Esq., Craighead, Hamilton	5. – . –
	Major Balfour, of Fernie Castle, Letham	5. 5. –
	Archibald Orr Ewing Esq., Glasgow	5. – . –

As Annual Members –

/	√ William Renton Esq., Prince's Street –	£1. – . –
/	√ Robert Hume Esq., 49 Grange Road	1. 1. –
/	George E. Russell Esq., 14 Regent Terrace	– . 10. 6
/	√ Mr. John R. Findlay, 9 Dundas Street	– . 10. 6
/	√ Donald R. Macgregor Esq., Merchant, Leith	1. 1. –
/	√ John Gillon Esq., Do., Do.	1. 1. –
/	√ John Warrack Esq., Do., Do.	1. 1. –
/	√ Mr. John Harper, F.G.S.E., 21 Leopold Place	– . 10. 6
/	√ Henry Beveridge Esq., National Bank of Scotland, Kirkcaldy	1. – . –
/	√ Robert Douglas Esq., Dalmuir, Forfar	1. – . –
/	√ Admiral Sir William James Hope Johnstone, K.C.B.	1. 1. –
/	√ W. J. Marshall Esq., M.D., Greenock	– . 10. –
/	√ Patrick Anderson Esq., Merchant, Dundee	1. – . –

6th December 1860

Annual Members Continued —

Revd. James Simpson, Dysart	£1. –. –
George Meldrum Esq., C.A., 53 York Place	–. 10. –
Alexander Potter Esq., 57 George Street	–. 10. –
A. Dunlop Anderson Esq., M.D., Glasgow	–. 10. –
Robert Balingal Esq., Bridgend, Islay	–. 10. –
James William Baillie Esq. of Culterallers	–. 10. 6
George Baird Esq. of Stichill	3. –. –
Revd. George Johnston, D.D., Edinburgh	–. 10. –
Henry Bruce Esq., Kinleith, Currie	1. –. –
John Blackie Junr. Esq., Lord Provost of Glasgow	1. –. –
John Begg Esq., Distiller, Balmoral	–. 10. –
Revd. John Smith, Ecclesmachan, Linlithgow	–. 10. –
Thomas Russell Esq., 3 Middleby Street, Newn.	–. 10. –
John Stoddart Esq., L.R.C.P., Kirkcaldy	–. 10. –
The Right Honble. William Chambers of Glenormiston, Lord Provost of Edinburgh	1. 1. –
James Brown Esq. of Lochton, Inchture	1. –. –
Robert Bell Esq. of Lunna, Falkirk	–. 10. –
Alexander Begbie Esq., Barneyhill, Dunbar	–. 10. –
Duncan Smith Esq., of Messrs. Charles Tennant & Co., Glasgow	1. –. –
James Burnet Esq., Craigielaw, Drem	1. –. –
James Anderson Esq., Newbigging, Dundee	–. 10. –
Right Reverend Robert Eden, Bishop of Moray, and Primus	1. 1. –
Andrew Aitken Esq., 7 Hermitage Place, Leith	–. 10. 6
Thomas Dishington Esq., Merchant, Leith	1. 1. –
George Hutton Geddes Esq., Mining Engineer	–. 10. 6
David Callander Esq., Merchant, Leith	1. –. –
John Adams Junr. Esq., Depute Clerk of Session	–. 10. 6
John Gray McKendrick, M.D., Belford Hospl., Fort William	–. 10. –
J. S. Hay Newton Esq. of Newton	

Each of these Gentlemen was unanimously elected a

14th December 1865.

a Member of the Society, in terms of the Laws.

Mr Milne Home reported that, as requested at last Meeting, he had written to the Marquis of Tweeddale, conveying the thanks of the Council for His Lordship's munificent gift to the Funds of the Society. He also reported his continued attention to the subject of a Station on the Faroe Isles, mentioned at last Meeting. The Noble Chairman also stated that he continued in correspondence with General Bülow on the same subject. Mr Milne Home, further, mentioned his continued attention to the proposal of a Station in Iceland; and Mr Smith told the Meeting that he thought that, through

Stickesholm?

a friend of his, a Merchant in Stikkesholm, in the Southern part of that Island, and who had for a series of years been taking Observations there, access might be had to these Observations. ~~That he understood that they were~~ which have been forwarded to the Danish Government, at Copenhagen, as opportunity offered. The Noble Chairman, Mr Milne Home, and Mr Smith, agreed to co-operate towards the desired access to these Observations being had, it being considered that Returns from Iceland, as well as from the Faroe Isles, would be of great value in the investigation of European Storms, and other matters of general Meteorological interest.

The Secretary read a Report of a visit he had paid to the Society's Stations at Drumlanrig, Dalkeith, Bowhill, and Dumfries, with a view to discover the cause of certain anomalies in the Returns from these Stations. The Report entered minutely into the condition of each Station, and detailed the changes which were considered &c

considered desirable at each. He also reported that he had found the utmost readiness to attend to his suggestions, and that the changes which he had recommended had been already adopted. The Meeting resolved that it be reported to His Grace The Duke of Buccleuch and to Dr. Gilchrist, of the Crichton Institution, Dumfries, that all the Instruments at the abovementioned Stations are now in entire accordance with the Standard Instruments at the Society's Office in Edinburgh. — Mr. Milne Home

undertook to communicate to His Grace accordingly —

The Secretary called the attention of the Council to the necessity for having in the Office, for his own use, and for the use of the Members of the Society, M. Le Verrier's Daily Meteorological Publication intituled "Bulletin International", in which the state of the weather over Europe each morning is given — His request was willingly granted —

The Treasurer reported &c. (Taken in cov. in 1st. page of this Minute, to top of 3d. page of it.)

Mr. Buchan reported that Offers had been made for the establishment of Stations at Islay, at the High School of Inverness, and at the Manse of Glencairn; and he recommended the Council's acceptance of these Offers, as he considered the places named eligible for Stations. The Offers were accepted, in terms of the Laws of the Society. — It was understood that the Pupils in the High School of Inverness would receive instruction in Meteorology.

Mr. Buchan was directed to adhere to the instructions formerly given as to the Station at Burntisland —

It was resolved that in cases where Thermometers, or other Instruments, happened to be broken in the course of their examination by Mr. Buchan, whether they belonged to Members of the Society or to Opticians &

14th December 1865—

Opticians or other parties not Members, the expense of repairing them must be borne by the party to whom they belong—also that a charge ought to be made, in every case, for the testing of Instruments—except to Members of the Society—

On the suggestion of Mr Stevenson, Mr Buchan was instructed to prepare a Note of suggestions to the Society's Observers, to be inserted in next No. of the Journal—And he was requested to see in so far as he might have an opportunity of doing so, that Opticians' Workmen, and others, when taking instruments to the Country, should carry an Aneroid with them—

Dr Johnston reported that he had heard from the Observer at Jerusalem that the Instruments at that Station were now all in due condition—further, that he, Dr Johnston, had to inform the Council that Mr Sandwith, of Haifa, who had kindly agreed to take Observations at that place, was about to leave it, for Cyprus—but he had offered to take, and report, Observations at Cyprus—The Offer was gladly accepted—and thanks were given to Dr Johnston—

It was directed that a Copy of Mr Buchan's paper read before the Royal Society &c should be sent to the Board of Trade; and that the remaining Copies mentioned by Mr Buchan as for disposal should be distributed, as from the Council, as ~~[illegible]~~ appears best approved by that Society—

Mr Milne Home mentioned that he feared that the Apartments in the New Post Office Buildings which had been assigned to the Society might not be ready for occupation before March or April next—

The Treasurer stated that he had opened an

an Account with The Union Bank of Scotland for receiving the Subscriptions of Life Members of the Society – which was approved –

In the view of the approaching Half Yearly General Meeting of the Society, which falls to fill up the Vacancies created by the retirement, in rotation, of three Members of the Council, in terms of the Rules of the Society, the Council then took under consideration the vacancies likely to occur, when it was thought that the three following Members of Council, who had had it in their power to give only very partial attendance at the Meetings of Council, might be willing to be relieved of their duties as Members of it, viz.t M.r Primrose, Professor Christison, and M.r Elliot, and the Treasurer was directed to ascertain from them whether it were so; and in the event of his finding that it was, he was instructed to communicate, as to their willingness to join the Council, with Sir Thomas Buchan Hepburn, ~~Sir~~ Admiral Sir William James Hope Johnstone and Professor Balfour, each of whom would, it was thought, ~~prove~~ a very eligible Member of the Council – as would, also, Capt.n Thomas, R.N., to be communicated with in the event of any of these three Gentlemen declining to be put in nomination –

Meeting of Council, in Dr. Johnston's Chamber, on 16th. ~~Dec~~ January 1866, at 4 P.M., in terms of the billets issued—

Present—Mr. Milne Home—in the Chair—
Admiral Ramsay—
Mr. Cunningham—
Dr. Johnston—
Dr. Jackson—
Mr. Smith—
Mr. Stephens—
Mr. Hope—

The Secretary—
The Treasurer—

The absence of the Marquis of Tweeddale and Mr. Sandeman was apologized for through Dr. Johnston—

The Minutes of last Meeting, held on 16th. ulto., were read, and found correct—

The Chairman explained his reasons for calling this Meeting, and at this hour, and in this place—

~~Dr. Johnston read a letter, dated from Dr. Smith, who had been long in South America, and a paper which accompanied it and also a letter from Mr. Ogilvy of Corrimony, dated~~

The Meeting authorized the insertion of the following Returns and Reports in the forthcoming No. of the Society's Journal, viz.—

I. Report on the Meteorological peculiarities of the last Summer—
2. Hints to Observers, regarding Instruments—
3. Supplement to the "Weather Prognostics" collected by Dr. A. Mitchell—

16 January 1866.

Dr Lloyd — Letter to Ld Tweeddale —

It was agreed, on the recommendation of the Meteoro:logical Secretary, to accept of Monthly Returns of Observations from the following new Stations - Belford Hospital, near Fort William - Helensburgh, Dumbartonshire - Cairndow, Argyleshire - Olrig, Caithness-shire - [illegible], Lanarkshire - High School, Inverness - Glencairn, Dum:friesshire - Eallabus House, Argyleshire - and Silloth, in the County of Cumberland.

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The Meteorological Secretary reported that the Obser:vations from Taymouth had been, for sometime, unsatis:factory, and that there was no prospect of any improve:ment - He therefore recommended that the Returns from that Station should not be in future sent to the Astronomer Royal, and that the Returns from ~~the~~ two new Stations should be sent to him, vizt. - Eallabus House, in the Island of Islay, ~~Argyleshire~~ and Cairndow, both in Argyleshire -

Mr Caird's, and Mr Aber:cromby's letters -

Mr Buchan reported that he had visited the following Stations - Drumlanrig, Dalkeith, Bowhill, and Dumfries

Mr Sandwith -

Dr Johnston had written to Mr Sandwith, intimating the Council's acceptance of his offer to take, and report, Observations at Cyprus -

Mr Rogers -

Thanks were voted to the Noble President, and to the following Members of the Society, for the undermentioned Works presented by them to the Society, vizt. -

To The Marquis of Tweeddale for -

Haverstonnow -

"Notes on the Meteorology of Ireland, by The Revd. Hum:phrey Lloyd, D.D., &c. 1854"

"The Climate of Ireland, and the Currents of the Atlantic" also by Dr Lloyd -

Faro Isles -

"Observations Météorologiques faites à Nijné Taguilsk. Monts Ourals - 1864 -"

To Dr Nachot - for "The Isis. Dresden."

- G. V. Vernon Esq. - for "Weekly Returns of the Health and Meteorology"

16 January 1866 –

~~D. Mitchell~~ – "Meteorology of Manchester, Nos 270 to 285 –"

To Dr. Arthur Mitchell – for "Cyclones, an Explanation of "their Origin, Relation, and Progression, by Donald Macgregor, R.N.R." –

Dealy Range – also to –

The Board of Trade – for the Thirteenth No. of "Meteoro:
:logical Paper published by authority of the Board "of Trade" –

~~Daymonth~~ – The Meteorological Society of England – for "Proceedings "of the Meteorological Society of England, Vol. II. "No. 20 –"

The Registrar General – for "The Weekly, Monthly, "and Quarterly, Reports of the Registrar General

~~Helensburgh~~ – "of Births, Deaths, and Marriages for Scotland" –

The following Gentlemen were, on the motion of the Chairman, unanimously elected Members of

~~Long~~ – the Society, ~~viz~~ in terms of the Society's Rules, viz. –

As ~~Life~~ Members –

James Caird Esq. of Cassencarie, London – £5. – . –

Liston – James Bryson Esq., Optician Edinburgh – 5. – . –

As Annual Members –

Archibald D. Cockburn Esq., 6 Atholl Crescent £1. 1. –

George Galloway Esq., Chemist, Inverness – . 10. –

James A. Calder Esq., Swantonhill – . 10. –

Francis Calder Esq., Gatholm Mains 1. – . –

George Burnett Esq., Merchant, Dundee – 10. –

Honble. Ralph Abercromby, London – . 10. –

Thomas Chalmers Esq. of Longcroft, Linlithgow – 1. 1. –

David Chalmers Esq., Kate's Mill Slateford 1. 1. –

James Cameron Esq., Dalnakyle – . 10. –

It was directed that a Meeting of the Council should be called for half past Eleven o'clock on the 20th, in No. 5 St. Andrew Square – for consideration of the Report to be submitted to the General Meeting of the Society to be held at 12 on that day – &c. –

An Advertisement of the General Meeting was adjusted, and the Treasurer was directed to send a Slip ×

× of it to every Member of the Society resident within the Three Lothians, or in Fife –

Meeting of Council, in No. 5 St. Andrew Square, on 24th January 1866, at Half past 12, P.M.—

Present—
The Most Noble The Marquis of Tweeddale, in the Chair—
Mr. Milne Home—
Mr. Stephens—
Mr. Cunningham—
Mr. Sanderson—
Admiral Ramsay—
Dr. Johnston—
Dr. Mitchell—
Mr. Smith—
Mr. Hope—
The Secretary—
The Treasurer—

Mr. Milne Home submitted to the Meeting a Report, from the Council to the Half Yearly General Meeting of the Society about to be held, which he had prepared. It was approved, and adopted—

The Treasurer having reported that Mr. Primrose, Professor Christison, and Mr. Elliot, had, each, expressed his willingness to retire from the Council, and that Sir Thomas Buchan Hepburn had written to him that his other engagements would prevent its being in his power to attend the Meetings of the Council, it was agreed that Admiral Sir William James Hope Johnstone, K.C.B., Professor Balfour, and Captn. Thomas, R.N., each of whom had expressed his willingness to act, if chosen, should be proposed to the General Meeting for Election to fill up the vacancies occurring in the Council at that time.

Meeting of Council, in the Society's Chambers, No. 4 Queen Street, on 5th April 1866, at Two P.M. –

Mr H.	Present – Mr Milne Home in the Chair –
R.	Vice Admiral Ramsay –
Balf.	Professor Balfour –
Smith	Mr R. M. Smith –
Johns.	Mr Carrington –
Thomas –	Admiral Sir William Hope Johnstone –
Cunn. –	Mr Stephens –
K. Johnst.	Dr Mitchell –
Jackson –	Dr Scoresby Jackson –
Stephens –	Dr Keith Johnston –
Mitchell	Mr Sanderson –
Sanderson –	Capt. Thomas –
	The Secretary –
	The Treasurer –

The Minutes of the two last Meetings of the Council, held on 18th and 24th January last, were read and found correct –

The Chairman reported, with reference to the Apartments assigned to the Society in the New Post Office Buildings, that he had seen Mr Matheson, of Her Majesty's Board of Works, regarding them, and he read a Letter which he had received from that Gentleman, dated 4th instant, and exhibited Plans which had accompanied it. The Letter is in the following terms – "Office H. M. Works, Edinburgh, "4th April 1866. Dear Sir, I have now received the "authority of the Hon.ble The First Commissioner of Her "Majesty's Works, &c., to arrange with you as Chairman "of the Council of the Scottish Meteorological Society "for the use, temporarily, of certain Apartments in the "New General Post Office Buildings – These are situated "on/

5 April 1866.

"on the North West Corner of the Upper Floor, and consist of the
"following Apartments, namely—
"Meteorological Society Meeting Room—
"Secretary's Room—
"Clerks' Room, and Library for Reports—
"Two Small Closets, and
"Water Closet—
"The Rent to be paid by the Society for these Apartments is
"at the rate of £30—p. annum payable at the usual Terms
"of Martinmas and Whitsunday; and the said Apartments
"to be vacated by the Society at any time on the Chair:
"man receiving Six months' notice from the Rt. Hon. The
"First Commissioner of Her Majesty's Works &c. that the
"same are required otherwise for the Public Service—
"I have the honor to be, Dear Sir, Your's faithfully &"
(signed) "Robt. Matheson— D. Milne Home Esq., 4 Queen

New Member

"Street."— The Chairman stated that he had understood, from Mr.
Matheson, that Water and Gas Apparatus were already in
the Apartments, so that the Society would not be required
to supply these; but that it was expected that the Society
should pay a proportion of the Expense of Coals and of the
Wages of a Servant who cleaned the Office and attended
to the fires, &c.— All these arrangements were agreed
to— and thanks were voted to the Chairman for all the
trouble he had taken in the whole matter connected
with the obtaining the receipt of accommodation in
the Post Office Buildings— He was requested, and
agreed, to communicate to Mr. Matheson the Coun:
:cil's acceptance of the grant of the use of the
Apartments on the terms mentioned in his Letter of
20th inst.; and to request Mr. Matheson to make known
to the Commissioner of Her Majesty's Works, and to
the Lords of the Treasury, that the Council feel extremely
obliged by having received from them so prompt a reply
to the application made to them by the Chairman on the
subject—

A S

5th April 1866 -

[illegible margin notes: "Member to ask Mr. Nicoll ... for a ..."] A Committee, consisting of the Chairman, Vice Admiral Ramsay, and Dr. Johnston - the Chairman Convener - was appointed, for taking all due steps for having the Apartments in the New Post Office Buildings suitably furnished.

[margin: "... Dr. Johnston" illegible] The following Returns and Reports were agreed on for insertion in the forthcoming Number of the Journal, viz:-

1. Report by Mr. Buchan on the Effect of Drainage on the Temperature of the Soil.
2. Letter from the Chairman referring to the foregoing Paper.
3. Table of Observations connected with the Returns of the Seasons for 1865.
4. Sea Temperatures on the Coast of Great Britain; with Remarks by Mr. Buchan.
5. Report of Committee on Medico-Climatology.
6. Abstract of Meteorological Observations at Inveresk for 1865, and twelve previous years.
7. Table of Rainfall at Aberdeen from 1829 to 1865; and Table of Rainfall at Deanston House from 1837 to 1865.
8. Notes on the prevailing Weather and State of Vegetation, &c., at various Stations of the Society.

It was resolved that the next subject of investigation to be undertaken by the Secretary be the Meteorological Characteristics of the Weather of last Winter (October 1865 to March 1866).

Mr. Buchan reported that he had visited the Society's Stations at March Hall, Perth, and Deanston House, and had, in some points, suggested improvements in the instruments and the positions of them, which, he had no doubt, would be immediately adopted.

Dr. Johnston reported, as the result of a Communication he had had with the Board of Trade, that the Board had sent to Mr. Sopwith, the Society's Observer at Cyprus, a very complete Set of Meteorological Instruments.

The

5th. April 1866 –

He also reported that he had seen Mr. ~~[illegible]~~ Muller, Governor of the Faroe Isles, who had agreed to make Observations, for the Society, there. It was resolved to apply to the Board of Trade to send the required Instruments to this new Station.

Mr. Buchan submitted a Form of a Schedule for Ship-Owners and Sea Captains, to record Observations, on the Temperature of the Sea, and other Meteorological data, made in Voyages. The Form was approved, and ordered to be printed.

Mr. Buchan stated that the mode of entering the Rainfall, by the Society's Observers, was not uniform. – some, indeed by far the greater number, entering the Rain read off on the 1st. of the month as the Fall for that day, others entering it as the Fall for the last day of the previous month. He recommended, as it is most desirable that one uniform method be adopted, that Observers be instructed to read the Rain Gauge at 9 A.M.; and enter that reading for the day previous; and where the readings are not taken daily, that the Gauge be always read on the 1st. of each month, and the Amount then collected be considered as belonging to the previous month, and entered accordingly. The Council agreed to sanction this recommendation, and would strongly urge those Observers who have not yet adopted it to do so without delay.

The following Gentlemen were, on the motion of the Chairman, elected Members of the Society, in terms of the Rules, Viz. –

As Life Members –

David A. Paterson Esq. Restalrig Park £5. –. –
John Bathie Esq., Royal Terrace 5. –. –

As Annual Members –

John Gray Esq., Elgin Haugh £–. 10. –
James Jamieson Esq., Kirkcaldy 1. –. –
James A. Hanley Esq., Assistant Secretary,
Bank of Scotland –. 10. –

5th April 1866.

George Barclay Esq., 1 Carlton Terrace £-.10.6
Charles Stein Esq., 127 Constitution Street, Leith -.10.6
John Muirhead Esq., Saltcoats, Tranent -.10.-
James Wallace Esq., Agent for the National
Bank of Scotland, Leith -.10.6
Revd. Robert Gordon, Free Buccleuch Church -.10.-
James Paterson Scott Esq., M.D., of Belford,
Kelso (~~recommended~~ proposed by Mr. Sanderson) 1.1.-
James Alexander Esq., Leith Walk Nursery -.10.-

Thanks were voted to Mr. R. M. Smith for Meteorological Observations made in Iceland, presented by him to the Society. It was mentioned that the weather of last winter had been peculiarly severe in both Iceland and the Faroe Isles.

Thanks were also voted to Mr. Freeman for his services while at Mentone, which he is about to leave, and a request to be made of him that he would kindly suggest some Gentleman whom he may consider qualified to supply his place as Observer at Mentone.

The Chairman laid on the table two Newspapers containing Notices of Meteorological Observations taken at Cannes.

Mr. Sanderson read, and handed to the Secretary, a Letter mentioning Meteorological Observations as having been made, on the Temperature of the Mediterranean, on board the vessels of the Peninsular and Oriental Steam Navigation Company.

The following Donations to the Society's Library, since last Meeting, were reported. (Taken in.)

Mr. Ker of Auchinraith was transferred from the List of Annual, to that of Life, Members, in terms of a Letter from him.

An Athenian journal describes the state of the new island in the Bay of Santorin, under date of January 27, as follows:—"The rising of the isle which has been called the George the First, continued during the whole of the 24th. It is becoming a promontory of New Kameni, which looks as if it were somewhat shaken. Its surface is covered with little flaps of flame, which evidently proceed from inflammable gases which are escaping, and which probably produced the conical flames which were seen before the elevation of the isle. The inhabitants of the neighbouring islands having seen the smoke and perceived the smell of the sulphur, supposed that a volcano had broken out on the side of Santorin. The inhabitants of the island of Anale sent off a boat in consequence for the purpose of saving their fellow countrymen in Santorin. On the 27th of January the agitation of the water on the surface of the sea, accompanied by vapours which in the night time presented the aspect of a comet's tail, was greater than yesterday, from which it is supposed that it will continue for some time. Should it reach the island of Santorin will its destroying force act upon the soil of that island? No one can tell. Meanwhile the waters of the gulf, which in the morning were clear, became agitated and muddy in the evening. It is not impossible that the island of Santorin may one day, in consequence of the action of this volcanic electric battery, entirely disappear from the geographical map. The subsidence of the contiguous soil proceeds less slowly. The rising continues to go on with the same rapidity as yesterday, but the smoke, or rather the vapour, is whiter, so that from a distance the promontory of George the First looks like a mountain covered with snow." 1866.

Meeting of the Council, in the Society's Rooms in the New General Post Office Buildings, on Friday the 18th May 1866, at 4 P.M.

Present — R. M. Smith Esqr., in the absence of Mr. Milne Home — in the Chair —
Admiral Sir William J. Hope Johnston —
Mr. Stephens —
Mr. Cunningham —
Dr. Scoresby Jackson —
Mr. Stevenson —
The Secretary —
The Treasurer —

Apologies were made for the absence of Dr. Jackson and Johnston.

The Minutes of last Meeting of Council, held on 5th ulto., were read and found correct —

The Treasurer reported, on the part of the Members of the Committee on Furniture appointed at last Meeting, what had been done as to the furnishing of the Council Room, and laid before the Meeting, and read, an Estimate and Offer by Mr. Murray, of Messrs. Dalgleish & Forrest, No. 4 St. Andrew Square, which had been accepted, and he directed attention to the Table and Chairs &c. which had been supplied by Mr. Murray, in terms of the said Offer — The Meeting approved of what been done —

Mr. Buchan submitted to the Meeting Messrs. Murray & Gibb's Account for printing the Society's Journal for the past year, and a relative letter from Messrs. Murray & Gibb — The Meeting authorized the payment of the Account; and a Remit was made to Messrs. Stephens and Stevenson, to consider as to whether it might not be advisable to take in Estimates for the printing of the Journal.

Mr. Buchan laid before the Meeting, and read, a Copy of a Report by the Secretary and the Engineers of the

18th May 1866.

The Commissioners of Northern Lighthouses, which these Gen:
:tlemen proposed should be adopted by the Commissioners as
the result of a Remit made by their Letter to their Secretary
and Engineers, of the Memorial from the Council lately
sent to the Commissioners - the said Copy Report having
been sent, along with an explanatory Letter from the Se:
:cretary of the Commissioners, to Mr Buchan, for the
consideration of the Council before it should be formally
communicated as the answer of the Commissioners to
the Memorial - The Meeting considered the Report as
being as favorable to the desire expressed in the Memorial
as, it would appear, the Commissioners had it in their
power to make it; and they requested Mr Stevenson to
express to the Commissioners the best thanks of the
Council for their compliance, in so far, with the
wishes expressed in the Memorial - As regards the
proposal made in the Report that the Meteorological
Secretary should visit the Stations of the Lighthouses
for the purpose of examining and comparing the
Meteorological Instruments in use at these Stations,
the Meeting agreed to meet the wishes of the Commis:
:sioners in this respect, when circumstances may
admit of it.

Mr Smith was authorized to procure, at the Society's
expence, two Marine Thermometers, one for the Revd
O. Pálsson, Reykjavik, and the other for Mr Thorla:
:cius, Stikkesholme, (both places being in Iceland) both of whom had undertaken
to make Observations for the use of the Society, and to
transmit them to these Gentlemen, also at the expence of
the Society; and the thanks of the Council were
voted to Mr Sigurdsson, Secretary of The Icelandic Literary
Society, ~~and to Smith~~, for the Volume of Records of
Meteorological Observations taken in Iceland from 1823 to
1836, presented to the Society.

The following Gentlemen were, on the motion of the
Chairman,

18th. May 1866.

Chairman, unanimously elected Annual Members of the Society, in terms of the Rules, vizt.—

D. Smith, County Asylum, Durham, proposed by James Bryson Esq. | £—. 10.—
Charles Williamson Esq., 10 Carlton Terrace. | —. 10. 6
Thomas Shiels Esq., Wine Merchant, Leith | 1. 1.—
Robert Adamson Esq., Hermon Hill, Dundee | 1. —. —
Peter Carmichael Esq., Dens works, Do. | 1. 1.—
Messrs. Kinmont Luke & Co., Merchants, Do. | 1. —. —
Robert Mackenzie Esq., Manufacturer, Do. | 1. 1.—

and Arthur Trevelyan Esq., Tynaholm, was, at his own request, transferred from the List of Annual, to that of Life, Members.—

Meeting of Council, held in the Society's Chambers, on 1st June 1866, at 2 P.M.—

Present— The Marquis of Tweeddale—in the Chair—
Mr. Milne Home—
Mr. Stephens—
Mr. Stevenson—
Professor Balfour—
Mr. Smith—

The Secretary—
The Treasurer—

Apologies were again made for the absence of Dr. Johnston and Dr. Jackson—

The Minutes of last Meeting, held on 18th ulto, were read, and found correct—

+ The Noble Chairman and each Member of Council present gave expression to a feeling of deep regret at the Society's loss of its respected Vice President, through the decease of Sir John Stephen Stuart Forbes—

+ A Letter from the Secretary of The Commissioners of Northern Lighthouses, dated 31 May 1866, in the following terms, was submitted.

I do not find this letter. If Mr Buchan has not it the words "in the following terms" may be omitted in copying this Minute in the clean [illegible] book.

and it was resolved that an Application be made to The Board of Trade for a grant of such Instruments as would be required in carrying out the proposed arrangement with the Commissioners for Northern Lighthouses—

1st June 1866 -

Mr. Milne Home read a Letter, dated 18th ult., which he had received from Mr. R. Stuart, Consul in Albania, with a request for a grant of certain instruments from the Society. The Meeting ~~declined to comply with the request~~ requested Mr. Milne Home to mention, in reply, that the Society has no ~~instruments~~ instruments at its disposal.

A Letter from the Secretary of the General Post Office, ~~[illegible]~~ as to the share of Wages to the House Keeper of the Post Office for the cleaning &c. of the Society's Rooms, was read - The sum proposed to be charged appeared to the Meeting to be rather high; and Mr. Milne Home agreed to communicate with Mr. Abbot on the subject, after seeing the ~~Gentl[eman]~~ ~~[illegible]~~ Secretary ~~with~~ the Lunacy Department, who have Rooms in the new Post Office Buildings -

Messrs. Stephens and Stevenson reported the opinion they had formed on the subject remitted to them at last Meeting as to the expediency, or not, of taking in Estimates for printing the Journal - After a full consideration of the subject, Messrs. Stephens and Stevenson undertook to see Messrs. Murray & Gibb on it, and endeavour to arrange with them for a continuance of their printing the Journal on terms more satisfactory than the present ones -

The subject of the present Life Subscription ~~was~~ was then considered, and it was agreed to propose to the next General Meeting ~~that the~~ future Life Subscription be Ten guineas in all cases -

It was resolved that, as last year, the Half yearly General Meeting be held during the first or second week of July - to be advertised as usual, and a Copy of the Advertisement to be sent to every Member of the Society resident in the Three Lothians or in Fife - Mr. Buchan expected to have ready for the Meeting, if deferred till the time mentioned, a paper on the weather of last Winter and Spring, and also, he hoped, a paper

Tuesday

on

1st June 1866 –

on the ~~Causes producing the great prevalence of the East wind in this part of the World~~ Subjecty of the East wind –

~~German Publications – Interchange of Papers. –~~

A Copy of a Work by Professor Jelinek, of Vienna was laid on the table, and it was agreed that a proposal should be made to him of an interchange of Publications between this Society and the Meteorological Society of ~~Vienna~~ Austria.

~~Logs of Vessels sailing from this port – Mr. Smith's words Given – The Marquis going to Glasgow on the subject of the Logs –~~

The Noble Chairman and Mr. Smith each referred to the subject of obtaining Extracts from the Logs of Merchant Ships trading between this Country and the West Indies and other Countries beyond Sea; and as His Lordship expected to be in Glasgow shortly he promised to communicate with Parties there on the subject –

~~Dr. Rankin's & Mr. Larnock's Papers –~~

The two Prizes offered by the Marquis of Tweeddale for Papers on Drained and Undrained Land having been awarded to Dr. Rankin, Otter House, and Mr. John Larnock, North Esk Reservoir Co., His Lordship ~~asked~~ requested the Treasurer to transmit the Amounts to these Parties on his Lordship's remitting it to him –

~~Sir John H. S. Forbes's decease –~~

Dr. Maldane, of Ayr, was unanimously elected an Annual Member of the Society, having been proposed by Mr. Cathcart of Auchendrane –

~~Photograph of Prince Alfred & his Autograph –~~

Mr. Milne Home presented to the Council a framed Whole length Photograph of His Royal Highness Prince Alfred, with H.R.H.'s Autograph, which he had kindly attached to the Photograph, on the occasion of the Address, and Volume of the Society's Reports, being presented to him, at Holyrood House, in April 1864.

It being reported that Dr. Johnston, the Society's Auditor, would be absent from Edinburgh till after the approaching General Meeting, Mr. Milne Home and Mr. Stephens undertook to examine, and report on, the Treasurer's Accounts for the past year.

[illegible]

Meeting of Council, in No. 5 St. Andrew Square on 13th. July 1866, at Noon –

Present:
The Marquis of Tweeddale – in the Chair –
Mr. Milne Home –
Vice Admiral Ramsay –
Professor Balfour –
Mr. Smith –

The Secretary –
The Treasurer –

The Minutes of last Meeting of Council, held on 1st. June last, were read, and found correct.

A Report from the Council to the Half yearly General Meeting about to be held, prepared by Mr. Milne Home, was approved, and adopted –

At the request of the Noble Chairman, the following Gentlemen were appointed a Committee for consideration of certain apparent discrepancies between the results of Dr. Rankin's Observations on Drained and Undrained Land and those made at Yester House: viz. Mr. Milne Home, Mr. Stephens, and Dr. Johnston. And it was arranged that the Observer at Yester House should attend a Meeting of the Committee on the subject –

The following Gentlemen were elected Members of the Society, in terms of the Rules –
~~George Denholm Esq. 27 Jn. Walter Terrace – Life Member~~
Annual Members –
William Myles Esq., Accountant, Dundee – £1.1. –
James T. Orchar Esq., Wallace Foundry, Dundee – £2.2. –
and A. Rutherford Turnbull Esq., Hawick
John S. Mackay Esq., Grangemouth – . 10. –
George G. Mackay. Esq. Do. – . 10. –
John G. Urquhart Esq., Vellore Castle, Falkirk – . 10. –
Revd. G. R. Bedenwick, Edinburgh – . 10. –

The Accounts of the Treasurer, as examined and docqueted by Mr. Milne Home and Mr. Stephens, were laid on the table –

Mr Calder, Yetholm Mains, who lately joined the Society, having expressed willingness to take Observations for the Society, Mr Buchan was directed to correspond with him on the subject.

A Memorial to the Board of Trade, having reference to the Report made to them by the Committee appointed by Her Majesty's Government as to ~~the~~ what arrangements ought to be made for carrying on the Meteorological Department presided over by the late Rear Admiral Fitzroy, was submitted, and approved, and directed to be laid before the General Meeting, for their approval.

Mr Buchan reported that a meeting had taken place, since last Meeting of Council, between the Committee then appointed and Messrs Murray & Gibb, Printers, as to the expence, in future, of printing the Society's Journal &c, and the Committee, consisting of Messrs Stephens and Stevenson, were requested to have the arrangement come to reduced to writing.

Meeting of Council, in the Society's Chambers, on 4th September 1866, at 1 P.M. —

Present —

Mr. Milne Home — in the Chair —
Vice Admiral ~~Ramsay~~ —
Dr. Johnston —
Mr. Sanderson —
Mr. McLaren —

The Secretary —
The Treasurer —

Professor Balfour had written the Treasurer that absence in the Country, would prevent his being present at ~~the~~ this Meeting ~~also~~. A letter from the Marquis of Tweeddale ~~to~~ ~~the Secretary~~ was read, mentioning that another engagement would prevent his attendance — Mr. Smith also had sent notice of his inability to be present —

The Minutes of last Meeting, held on 13th ulto., were read, and found correct.

An answer from the Board of Trade to the Memorial referred to in the Minutes of last Meeting of Council was read —

A Letter from ~~Mr. Murray~~ Messrs. Murray & Gibb, Printers, dated this day, was read, and remitted to the Committee appointed at last Meeting that they might report as to its correctness in representing the agreement come to.

~~A Letter from Mr. Le Verrier, Director of the Observatoire Imperial, Paris, dated 9th August last, was read, and gave ~~...~~ application to the Meeting~~

The ~~Secretary~~ ~~submitted~~ Convener of Council had laid before it a Report ~~...~~ of W. Buchan regarding Stations in Iceland and the Faroe Islands &

and

Mr Buchan + also read a letter from Mons. Le Verrier, the Director of the Imperial Observatory of Paris, expressing great satisfaction at the prospect of Meteorological Stations being formed at these places.

and in ~~the Island of~~ St. Kilda.+ The Council, considering it of the highest importance to carry out Mr. Buchan's suggestions, resolve ~~that~~ to communicate with the Board of Trade, with the view of obtaining from Her Majesty's Government sets of Instruments for the four proposed Stations. They accordingly authorize a Copy of this part of their Minutes to be trans:mitted to the Board of Trade with a Copy of Mr. Buchan's Report, and the expression of a hope that the Board ~~of Trade~~ will be pleased to authorize the trans:mission of the Instruments mentioned in it to the Society's Office. When these Instruments arrive Mr. Buchan will arrange with Mr. Smith of Keith, for forwarding them, sending also a supply of the Society's Schedules - Whenever notice from the Board is given that this Application is to be granted, Mr. Buchan ~~will~~ to write by post to the parties in Iceland and the Faroe Islands, and St. Kilda, apprizing them of the time when the packages will be forwarded.

St. Kilda -

Mr. Buchan submitted a Letter from Mr. James Bisset, the Society's Observer at Inverurie, who is about to proceed to Yokohama, in Japan, and offers to take Observations, for the Society, there, taking with him the Set of Instruments (supplied at his own cost) which he has been using at Inver:ury. This offer was gladly accepted by the Meeting.

He also submitted a Letter from Dr. Murray Thom:son, a Member of the Society, and formerly a Chemist in Edinburgh, but latterly resident in Bengal, dated Roorkee, in Upper India, in which he offers to + ~~take Observations at Roorkee for the Society.~~ ~~He mentions that he had recently been appointed~~ Reporter on Meteorology for the North West Provinces of India - His offer also was gladly accepted -

+ Present to the Society's Library from the same time the Reports ~~on the~~ Meteorology ~~of that part of India~~ prepared by him as

Mr Buchan submitted, further, a letter from Dr Somerville, Galashiels, offering to take Observations there for the Society. This offer also was accepted, provided its acceptance was not to involve expense to the Society further than regarded the supply of Schedules.

A Letter from the Secretary of the Commissioners of Northern Lighthouses was read, intimating that the Instruments which had been sent, by the Commissioners' Vessel Pharos, to the Monach Light House could not be landed there because of stormy weather — Mr Buchan was directed ~~to express in answer, the Council's wish to be informed when these Instruments reached their destination.~~ to inquire when it may be expected that the instruments will reach Monach, and also as to whether those for the other two Stations have reached them.

Mr Buchan directed attention to a series of the Transactions of the Royal Scottish Society of Arts, which had been received under the agreement of interchange made with that Society — also to a Meteorological Return received from Captn. Boxer, R.N., Folkestone —

It was left to Mr Buchan to arrange with the ~~Printers~~ Proprietors of the Journal, as to the Title page, Index, &c., which would be required to be given with the No. of the Society's Journal which would complete a Volume containing the 12 first Nos. of the Journal —

The following Gentlemen were, on the motion of the Chairman, unanimously elected Members of the Society, viz. —

Life Members

~~A. Anthony Turnbull Esq., Hawick £5.5. —~~

Robert McGavin Esq. of Ballumbie, Dundee 10.10. —

Annual Members —

William Fairbairn Esq., Engineer, Manchester £1.1. —

Hospital & Colour Sergeant A. M. McDonald, 72d Highlanders, Edinburgh Castle —.10. —

John

John Gordon Esq., Dundee £1.1.-

1. —

Meeting of Council, in the Society's Chambers, on 16th October 1866, at 2 P.M. —

Present — Mr. Milne Home — in the Chair —
Vice Admiral Ramsay —
Mr. Smith —
Mr. McLagan —
Mr. Cunningham.
Dr. Scoresby Jackson —
Mr. Hope —
Professor Balfour —
Mr. Stephens —
Captn. Thomas —
Dr. Johnston —
Mr. Sanderson —

The Secretary —
The Treasurer —

The Minutes of last Meeting, held on 4th ulto., were read, and found correct —

The Chairman reported, verbally, the result of a Meeting of the Committee appointed at the Meeting of Council held on 13th July last, for consideration of certain apparent discrepancies between the results of Dr. Rankin's Observations on Drained and Undrained Land and those made at Yester House at which Meeting of Committee Mr. Shearer, Observer at Yester House, was present — and the Chairman also laid on the table a Report which he had prepared on the subject — It was directed that a Copy of that Report should

Friday

should be sent to the Marquis of Tweeddale –

Mr Buchan reported what had been done as to the Instruments for Iceland and the Faroe Isles ~~and St Kilda~~, as to which the instructions given at last Meeting had been fully carried out – and stated that sets of Instruments would also be sent to St Kilda and ~~St~~ Monach, west of the Hebrides, on the first favorable opportunity – These four new Stations the Council deemed very important, from their geographical position; as supplying desiderata long felt by Meteorologists in discussing Storms, changes of Temperature, and other questions affecting the Temperature of Europe –

~~Annual &c~~

Letter Box declined – a box to be put in door of Chambers – if permitted –

The Meeting did not think it necessary to incur the Annual Expence (a Guinea) of having a separate Letter Box in the Post Office for the use of the Society; and directed that, if permission could be had, instead of such a Letter Box in the Post Office one should be attached to the inside of the Council Room, with the usual opening for the reception of Letters –

Water Duty – to be paid – if better cannot be –

The arrangement proposed by Mr Abbot as to the proportion of Water Duty to be paid by the Society, which appeared to the Meeting to be just, was directed to be agreed to, if it was found that better terms could not be had –

The Station referred to at last Meeting as having been offered to be established at Galashiels, by Dr Sommerville, Surgeon there, had been established, on the terms mentioned in the Minutes of that Meeting –

SCOTTISH METEOROLOGICAL SOCIETY.—At a full meeting of the Council of this Society held on Tuesday, Mr Buchan, the secretary, reported that the sets of meteorological instruments supplied, through the Society, by the Board of Trade, had been forwarded to the Isle of Man, North Unst, in Shetland, the Faroe Islands, and Reykjavik and Stikkisholm, in Iceland; and that sets of instruments would also be sent to St Kilda and Monach, west of the Hebrides, on the first favourable opportunity. These seven new stations the Council deemed very important from their geographical position, as supplying desiderata long felt by meteorologists in discussing storms, changes of temperature, and other questions affecting the weather over Europe. A new station has also been established at Galashiels. Letters were read from Mr James Bisset, lately the Society's observer at Inverary, who is about to proceed to Yokohama, in Japan, offering to take observations for the Society there and on the way out; and from Dr Murray Thomson, a member of the Society, now Professor at Roorkee, and Government Reporter on the Meteorology of the North-Western Provinces of India, offering to present to the Society the official reports prepared by him. These offers were accepted. It was agreed to publish in next number of the *Journal* an abstract of Le Verrier's account of the storms which passed over France during 1865, peculiar interest being attached to that account owing to the extensive network of meteorological stations recently established in all parts of France, by which the progress of storms and their peculiar features can be traced from hour to hour. Several gentlemen were unanimously elected members of the Society. Rear-Admiral Ramsay having presented to the Society a very handsome eight-day clock, fixed in a marble case, for the use of the Society's office, the Council accepted the gift, and entered on their minutes an expression of their thanks to the liberal donor.

...greed that next No. of the Society's Journal
...in an Abstract of Mr. Le Verrier's Account
...ms which passed over France during the
...peculiar interest being attached to that
...owing to the extensive network of Meteoro:
(above 1200 in number)
...tions recently established in all parts of
...which the progress of storms, and their
...features, can be traced from hour to hour.
...ain directed the attention of the
...a very handsome Mantel Piece Eight
..., which Vice Admiral Ramsay had
...ented to the Society, and the gift was
...dially accepted, and thanks were
... to the esteemed Donor.

A Letter from Mr. Freeman, dated 8 Oct. 1866, was read. As he did not intend to return to Mentone during the coming Winter, he strongly recommended a friend of his, Dr. Frank, as well qualified and willing to continue Observations for the Society, there: Dr. Frank's services were cordially accepted.

Time piece

Dobson's

Mr. Buchan was directed to make inquiry as to the terms on which Mr. Dobson's Prize Essay could be printed, after being condensed, if he, on consideration of it, should think that it might be advanta:geously shortened.

On the motion of the Chairman the following Gentlemen were unanimously elected Annual Members of the Society, viz.:—

Donald Ogilvy Esq. of Clova	£3.–.–
Captn. Hancock R.N., H.M.S. Trafalgar, now at Queensferry	1.–.–
William Galbraith Esq., Glasgow	1.–.–
Henry Stott Esq., Merchant, Grangemouth	—
John Charles Robertson Esq., Do.	Do.

Mon

should be sent to the Marquis of Tweeddale –

Mr. Buchan reported what had been done as to the Instruments for Iceland and the Faroe Isles ~~and St. Kilda~~, as to which the instructions given at last Meeting had been fully carried out – and stated that sets of Instruments would also be sent to St. Kilda and ~~St.~~ Monach, west of the Hebrides, on the first favorable opportunity – These four new Stations the Council deemed very important, from their geographical position, as supplying desiderata long felt by Meteorologists in discussing Storms, changes of Temperature, and other Questions affecting the Temperature of Europe –

~~Annual &c.~~

Letter Box declined – a box to be put on door of Chambers – if permitted –

~~Water Duty to be paid~~ if better cannot be –

The Meeting did not think it necessary to incur the Annual Expence (a Guinea) of having a separate Letter Box in the Post Office for the use of the Society; and directed that, if permission could be had, instead of such a Letter Box in the Post Office one should be attached to the inside of the Council Room, with the usual opening for the reception of Letters –

The arrangement proposed by Mr. Abbot as to the proportion of Water Duty to be paid by the Society, which appeared to the Meeting to be just, was directed to be agreed to, if it was found that better terms could not be had –

The Station referred to at last Meeting as having been offered to be established at Galashiels, by Dr. Sommerville, Surgeon there, had been established, on the terms mentioned in the Minutes of that Meeting –

It was agreed that next No. of the Society's Journal should contain an Abstract of Mr. Le Verier's Account of the Storms which passed over France during the Year 1865, peculiar interest being attached to that Account, owing to the extensive network of Meteoro:logical Stations (above 1200 in number) recently established in all parts of France, by which the progress of Storms, and their peculiar features, can be traced from hour to hour.

number upwards of 1200

The Chairman directed the attention of the Meeting to a very handsome Mantel piece Eight day Clock, which Vice Admiral Ramsay had kindly presented to the Society, and the gift was very cordially accepted, and thanks were conveyed to the esteemed Donor.

Mentone

A Letter from Mr. Freeman, dated 8 Oct. 1866, was read. As he did not intend to return to Mentone during the coming Winter, he strongly recommended a friend of his, Dr. Frank, as well qualified and willing, to continue Observations for the Society, & there: Dr. Frank's services were cordially accepted.

Time piece

Mr. Buchan was directed to make inquiry as to the terms on which Mr. Dobson's Prize Essay could be printed, after being condensed, if he, on consideration of it, should think that it might be advanta:geously shortened.

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On the motion of the Chairman the following Gentlemen were unanimously elected Annual Members of the Society, viz.:

Donald Ogilvy Esq. of Clova	£3.-.-
Captn. Hancock, R.N., H.M.S. Tra:falgar, now at Queensferry	1.-.-
William Galbraith Esq., Glasgow	1.-.-
Henry Stott Esq., Merchant, Grangemouth	
John Charles Robertson Esq., Do. Do.	

Mon

Charles Gray Robertson Esq., Merchant, Grangemouth

Alexander Thomson Esq., Do. Do.

John Thomson Esq., Do. Do.

Harry Baird Esq., Grange

William Marshall Esq., Newhouse, Falkirk — 10/-

John Gair Esq., Procurator Fiscal, Falkirk

John ~~Simm~~ Smith Esq., Royal Insurance Office, Liverpool. £1 — —

~~David Robertson Esq., Dundee~~ ~~10/6~~

Meeting of Council, in the Society's Chambers, on 15th January 1867, at Three (necessarily postponed from Two) P.M. –

Present –

Thomas Stevenson Esq. – in the Chair, ~~at first~~ on the absence of the Convener, detained in the Country by the ~~[illegible]~~ Snow – Vice Admiral Ramsay –

Dr. Johnston –

Mr. Cunningham –

Mr. Smith –

Dr. Jackson –

Dr. Mitchell –

Mr. Sanderson –

The Secretary –

The Treasurer –

Dr. Johnston stated that he had been requested by The Marquis of Tweeddale to mention that His Lordship was unable to attend this Meeting, but that he hoped to be able to be present at the Evening General Meeting –

The Minutes of last Meeting, held on 18th October last, were read, and found correct –

A conversation took place as to the printing of ~~Mr.~~ Mr. Dobson's Essay on Weather Prognostics, which resulted in the following Gentlemen ~~being~~ re:quested, and agreeing, to consider the whole matter and to ~~request~~ report ~~if possible~~, to ~~such~~ a future Meeting, viz.t – Dr. Mitchell and Dr. Johnston – Mr. Buchan to assist –

Appin – Mr. Buchan mentioned that Mr. John Macphie, a Life Member

also a Life Member of the So:ciety, of the Society, had said that his Brother, Mr. Macphie of Airds, (a lately) had ~~expressed~~ willingness to establish a Station of the Society at Airds, in Appin, and that he, Mr. B., thought that a Station

in

Mr. Buchan stated that Mr. Redford, Pitlochry had mentioned that the Rev. P. MacMorland, Minto, was willing to observe. ~~Mr. Dow~~ As this was considered a desirable station Mr. B. was directed to correspond with Mr. MacMorland in relation to this subject.

in that locality was very desirable. He was authorized to correspond with Mr. Macphie on the subject.

Ardnamur:chan – A conversation took place, also, with regard to Stations in Ardnamurchan, Tyree, and the Parish ? of Ettrick ~~and [illegible]~~; and Mr. Buchan was directed to continue his communications with the parties who had Tyree – been in communication with him as to these localities – though the Meeting did not think that, at present, it would be expedient to make an additional application to the Commissioners of Northern Light Houses, Ettrick – as to a Station at Tyree Lighthouse or Ardnamurchan –

Taken in as on 2d. page after this one, at X –

Furniture – It was remitted to the Convener and the Treasurer to examine and settle Messrs. Dalgleish & Forrests' Account for Furniture –

X

To be asked to join: Prof. Allman. Mr. C. Arbuthnot. Mr. Warrack. Dr. Sellar. Prof. Tait ? Mr. Leslie – } Fair

x To retire. Mr. Hope. Mr. McLagan. ~~Mr.~~ Capt. Thomas

The Meeting then took up consideration of the Rule of the Society under which three Members of the Council fall to retire at this time, and three new Members to be elected in their place. After full consideration of the subject, it was thought that the following Gentlemen, who had evidently not had it in their power to give a very full attendance at the Meetings of the Council during the past year, might be willing to be relieved of the duties of the Office, viz. Mr. Hope and Mr. McLagan, and that Capt. Thomas, whose attendance, and other kind efforts to promote the interests of the Society, had been as freely given by him before, as they could be since, his election as an Actual Member of Council, would ~~be~~ continue his valuable aid though he should return to his former position as having a Seat at the Council Board though not nominally a Member of it; and it was agreed that in the event of these three Gentlemen being found to be willing to retire from the Council, for

Mr. Babington's Letters –

Tuesday 20

a time at least, the following three Members of the Society shall be sounded as to their willingness to be proposed for Election in their room, viz:, Professor Allman, George Clerk Arbuthnot Esq. of Mavisbank, and John Warrack Esq., Merchant, Leith, and Chairman of the Chamber of Commerce there. In the event of any of these last named Gentlemen declining it was decided that Dr. Sykes and Mr. Leslie C.E., should be asked to allow their Names to be proposed; with a view to their resuming their Seats at the Board, which they had, in time past, filled so much to the benefit of the Society.

Genl. Sabine's Letter.

It was further agreed that Principal Forbes, of St. Andrews University, should be requested to allow his Name to be proposed for Election as Successor to his late distinguished Brother, Sir John Stephen Stuart Forbes Bart., in the Office of Vice President of the Society; and a wish was expressed that Mr. Milne Home, or Dr. Johnston, would kindly correspond with him on the subject. Dr. Johnston undertook to arrange as to this.

Mr. Buchan stated that the Schoolmaster at Arisaig had written to him, offering his services as an Observer for the Society, provided he were to be supplied with Instruments. The Meeting did not see their way, at present, toward voting a Set of Instruments for a Station at that place.

A private letter, from Dr. Babington to Mr. Buchan having reference to the Suspension of the Storm Warnings, was read to the Meeting. As was, also, a Letter from General Sabine to Mr. Buchan, relative to the desirableness of ~~Storm Warnings~~ Daily Telegrams of the Weather being supplied to Leith and other Seaports. And it was agreed that the subject merited the earnest interest and efforts of the Council, and of every one of

one having at heart the Commercial prosperity of our Country -

Mr Buchan reported that the Instruments which had been sent to the Iceland and Faroe Stations had arrived there - but that Mr Holten, the Governor of Faroe, had returned the Barometer, which, on the packing box being opened, was found to be broken. That he understood, from Mr Adie, that 15/. would cover the expence of repairing it - The Council authorized the repair, and directed that the Instrument should be ready for being dispatched to Faroe in March next -

The arrangement of the Contents of the next No. of the Journal was deferred till next Meeting of Council -

It was agreed that the Subjects to be brought before the ensuing Half Yearly Meeting of the Society should be - An account of the late Hurricane at the Bahamas.
The importance, to Mercantile Seaports, of Daily Telegrams shewing the Winds and Weather in different parts of Europe -
The exhibition, by Mr Bryson, Optician, of a Barometer which registers every hour -

× Mr Buchan stated that The Revd. Mr Redford, Silloth, had mentioned to him that The Revd. Mr Macmorland, Minister of the parish of Minto, had expressed willingness to observe for the Society; and as Minto was considered a desirable locality for a Station Mr Buchan was directed to correspond with Mr Macmorland on the subject -

~~Dr Paterson, of the Lunacy Board, was unanimously Elected an annual Member of the Society, in terms of the Rules -~~

Wed

Meeting of Council, held in No. 5 St. Andrew Square, on 30th January 1867, preparatory to the Half-yearly General Meeting just about to convene –

Present – The Most Noble The Marquis of Tweeddale, President of the Society, in the Chair –
Mr. Milne Home –
Mr. Sanderson –
Vice Admiral Ramsay –
Dr. Mitchell –
Mr. Cunningham –
Dr. Johnston –
Mr. Hope –
Professor Balfour –
Captn. Thomas –
Mr. Smith –
Mr. Stevenson –
The Secretary –
The Treasurer –

Apologies for necessary non-attendance, from Sir William J. Hope Johnstone and Mr. Stephens, were read to the Meeting.

The Minutes of last Meeting, held on 15th inst., were read, and found correct –

Mr. Milne Home submitted a Report which he had prepared, as from the Council to the approaching General Meeting of the Society – The Report was approved, and adopted –

Minto – Mr. Buchan reported the result of his correspondence with The Revd. Mr. Macmorland, Minto, and that Gentleman's offer to observe for the Society was accepted – On a similar report from Mr. Buchan an

Airds – offer by Mr. Macpie of Airds to establish a Station at S

at Aberdeen was also accepted. — Further, Mr Buchan stated that General Lang, a Member of the Society, had offered to establish a Station at Craigend Castle, near Milngavie. — The Meeting, considering, with Mr Buchan, that a Station in that locality promised to be of advantage, directed Mr Buchan to make further inquiries as ~~agreed to accept General Lang's offer; as also~~ as to give [illegible] preference [illegible] Mr Stark, Glasgow, to establish a Station at Campsie, in the same district of country. —

Mr James Bryson, a Life Member of the Society, having intimated his intention to present to the Society a Self-registering Barometer invented by his late Father, the cordial thanks of the Meeting were directed to be expressed to him. —

The Treasurer reported that, as directed at last Meeting of Council, he had communicated with the three Gentlemen who, it had been suggested, might be willing to retire from the Council at this time, and that each had expressed his willingness to do so — and that he had, in consequence, ascertained that Mr Clerk Arbuthnot, Mr Warrack, and Dr Forbes, were willing to join the Council, if elected, in the room of those so about to retire. — Professor Allman had expressed great regret that other peculiarly pressing engagements prevented his accepting an Office, the offer of which he felt conferred honor on him. —

Mr Milne Home reported the willingness of Principal Forbes, of St. Andrews, to accept the Office of Vice President of the Society, if elected to it, in succession to his late distinguished Brother, Sir John Hepburn Stuart Forbes. —

On the motion of the Chairman, the following Gentlemen were unanimously elected Members of

30 January 1867.

of the Society, in terms of the Rules, viz. —

As a Life Member —

J. R. Cuthbert Esq., Liverpool £10.10.—

As Annual Members —

George R. Kinloch Esq., General Register House £ .10.6

William F. Burnley Esq., Ainslie Place 1.1.—

James Dalmahoy Esq., Forres Street 1.1.—

George Clerk Arbuthnot Esq. of Mavisbank 1.1.—

Mr. Peter S. Robertson, Nurseryman, Edin. —.10.—

Robert Miller Esq., Merchant, Glasgow 1.1.—

George A. Paterson Esq. M.D., Bors of Lemany —.10.—

Robert Muirhead Esq., Fedalinch Mains, St. Andrews —.10.—

Sir William Baillie of Polkemmet, Bart. 2.2.—

Robert Stark Esq., Glasgow 1.—.—

and the following Gentlemen were, at their own request, transferred from the List of Annual to that of Life Members — viz. —

Henry Bruce Esq., Kinleith £5.5.—

Thomas Chalmers Esq. of Longcroft 5.5.—

It was resolved that the Contents of the forthcoming No. of the Society's Journal should be as follows —

1. Extract of Letter from Mr. A. C. Thorlacius, Merchant, Stykkisholm, Iceland, the Society's Observer there, dated 15 October 1866, addressed to Mr. R. M. Smith —
2. Interruptions in the regular Yearly March of Temperature, for Scotland, in an average of the last Ten Years —
3. Abstract of Meteorological Observations for the Year 1866, made at Inveresk, near Musselburgh. By Mr. William McAuslane, Gardener to Vice-Admiral Sir Alexander Milne, K.C.B. —
4. Hourly Observations on Underground Temperature in June 1866, made near St. Andrews, Fife — By Mr. John Muirhead, Farmer —

Mr. S

30 January 1867-

Mr Buchan having reported that he had succeeded in ascertaining some interesting facts regarding the phenomena of the Hurricane which had passed over The Bahamas in October last, he was requested to give a short account of them to the General Meeting about to be held; as also to advert, briefly, to the importance of obtaining, for Leith, Daily Telegrams of the Weather and Winds at different Ports of Europe, for the information of Shipowners, Shipmasters, and Marine Insurance Companies, connected with that Port-

The Meeting, understanding that in Liverpool, Manchester, and other Towns, there is a desire that the Storm Signals formerly issued by the Board of Trade should be resumed, and having that the Leith and Edinburgh Chamber of Commerce are anxious that this Society should aid them in the same object, agreed, in the event of any application to that effect being made to the Council, to support any Memorial from these Bodies to Her Majesty's Government-

Mr Buchan reported the Donations of Books &c, which had been presented to the Society since he last reported- See separate List-

X Stop here-

Meeting of Council, in the Society's Chambers, on 28th February 1867. at two P.M.

Present - Mr Milne Home - in the Chair -
Mr Stephens -
Mr Smith -
Mr Warrack -
Mr Cunningham -
Dr Seller -
Mr Clerk Arbuthnot -
Vice Admiral Ramsay -
Dr Johnston -
Admiral ~~Hope~~ Sir William J. Hope Johnstone
the Secretary -
the Treasurer -

The Minutes of last Meeting of Council, held on 30th ulto, were read, and

Mr Milne Home mentioned that he had been induced to call the present Meeting, as indicated in the billets, by Mr Buchan's having received a Letter from Colonel Sykes, M.P. dated 26th inst, ~~in which~~ to the following effect. (He read it in). And he submitted to the Meeting, in draft, a Memorial which, he proposed, the Council should address to the Board of Trade, renewing the representations made in the Memorial addressed, by the Council, to the Board of Trade in July last, in favor of the resumption of the Storm Signals formerly issued by Admiral Fitzroy. After various of the Gentlemen present had expressed their views on the subject, the Memorial was approved and adopted, and directed to be sent, forthwith, to the Board of Trade - a Copy of it to be sent to Col. Sykes, with an Extract from this Minute - The Meeting expressed a hope that the Chambers of Commerce &c

:merce of Edinburgh and Leith should would strengthen the hands of Col. Sykes by renewing their represen:tations on this important subject — Mr. Warrack was requested, and agreed, to bring the subject again before the Leith Chamber, ~~of which he is Chairman~~, and the Treasurer reported his having this day seen Mr. Harrison, Chairman of the Edinburgh Chamber, who had expressed his willingness to afford every aid in his power toward advancing this object —

~~Radiation~~ —

~~New Members~~ — ~~Annual~~ —
~~David Robertson Esq., Union Grove, Dundee — £1.0.6~~
~~H. Duthill Esq., Broughty Ferry — 1.— —~~

~~Notice of Dr. Jackson's de:cease, and his paper —~~ ~~Expression was given, by every Gentleman present, to a deep feeling of regret that the Society should have been deprived of so valuable a Member of the Council as Dr. Dorothy Jackson, whose lamented decease has taken place since last Meeting; and Dr. Johnston was requested to convey to Mrs Jackson and the other Rela:tives of Dr. Jackson, the expression of the Council's deep sympathy with them —~~

Taken in paper apart —

~~Mr. Bryson's gift — place for it selected.~~ It was unanimously resolved to request Dr. Arthur Mitchell kindly to undertake the Convenership of the Medico-Climatological Department of the Society's Operations, vacant through Dr. Jackson's decease —

~~Self-registering instruments to be got, by Mr. Bryson, in N. E. window of Board Room —~~ A place was selected, in the Council Room, for Mr. Bryson's Self-registering Barometer lately presented by him to the Society. And Mr. Bryson was directed to be asked to put up a Self-registering ~~thermometer, and a~~ [illegible] ~~Thermometer in~~ Hygrometer, and the Thermometer, ~~in~~ outside the North-East window of the Council Room.

Lagons on Clock. Thanks to Mr. Murray, p. 43. — Thanks were directed to be expressed to Mr. Murray of Messrs. Dalgleish & Forrest, for the way in which he has fitted the Timepiece presented by Admiral Ramsay to the Society, with Wood from the Timber —

Sir W. Keith Johnston's Communication —

Timbers of the Ships Victory and Royal George; and he was requested to have Brass Plates put on the stand of the timepiece indicating the parts taken from each ship.

~~Dr Johnston~~ read to the Meeting a Correspondence he had had with Dr. Balfour Stewart of Kew Observatory, relative to an Instrument for indicating the Amount of Solar Radiation in its relation to Crops – a subject for investigation which had been brought under the notice of the Society by the Marquis of Tweeddale, at the General Meeting in January last.

On the motion of the Chairman, David Robertson Esq., Union Grove, Dundee, and H. Ewbank Esq., Broughty Ferry, were unanimously elected Annual Members of the Society – their subscriptions to be 10/6 and £1 – respectively.

Meeting of Council, in the Society's Chambers, on 19th April 1867, at 3½ P.M.—

Present—
Dr. Mitchell—
Mr. Smith—
Dr. Johnston—
Mr. Sanderson—
Mr. Warrack—
Admiral Sir William J. Hope Johnstone—
Vice Admiral Ramsay—

The Secretary—
The Treasurer—

A letter had been received from Mr. Milne Home, intimating his unexpected inability to be present at this Meeting, he being necessarily detained in the Country— and Dr. Mitchell was asked to preside, and did so— Apologies were also made, at their request, on behalf of Mr. Stephens and Mr. Clerk Arbuthnot, for their necessary absence.

The Minutes of last Meeting, held on 28th February last, were read, and found correct—

Mr. Buchan's Correspondence with Mr. Scott— The Secretary read a Correspondence he had had with Mr. R. H. Scott, Director of the new Meteorological Department, and with General Sabine, P. R. S., regarding Storm Signals— It was resolved by the Meeting that the Council should do no more than it had already done with regard to the Signals.

It was agreed that the following subjects appear in the forthcoming No. of the Society's Journal—

1. Address

9 April 1867.

1. Address by The Marquis of Tweeddale on the effects of Solar Radiation in relation to the Crops.
2. Interruptions of Temperature (Second Article).
3. Report from Dr Mitchell on some results arrived at in connection with the Medical Department.
4. Table of Observations connected with the Nature of the Seasons.

Mr Buchan read a Programme of Prizes for Underground Temperature by which it was proposed that Prizes be given for Observations made every hour on the Temperature of the Soil at different depths. The Meeting approved of this Programme, and resolved that it be sent to the Marquis of Tweeddale, accompanied by an Extract from the Minutes of this Meeting.

Next No. of Journal.

Mr Buchan also read a Report on a proposed increase to the number of Stations receiving the Registrar General; the proposed increase being 17. To this proposal, he reported, the Astronomer Royal and the Registrar General cordially assented; and he stated that all that was required was an Annual Grant of about £10,- from Government to meet the Expence of reduction. The Meeting approved of the proposal, and Mr Buchan was instructed to communicate further with Mr Seton, with the view of seeing if the necessary application for the Grant might not be made by the Registrar General, or, failing that, if he would forward a Memorial from the Council to the Government, with his recommendation.

Increase of Stations.

A Letter was read, from Mr Shepherd, London, which had been forwarded by The Marquis of Tweeddale, offering an Exchange of Observations. Considering the value, to the Medical Department, of Daily Meteorological Observations from London, Mr Buchan was instructed to correspond with Mr Shepherd, with the view of effecting the exchange.

Renwick's Observations on Drained & Undrained Land.

The Council agreed to accept Observations from Peddinch Mains, a Complete Set of Instruments having been furnished for this Station by Mr R. Muirhead, Farmer, a Member of the Society.

19th April 1867.

Dr. Johnstone reported that he had communicated to Mrs. Jackson, and the other Relatives of the late Dr. Jeremy Jackson, an Extract from the Minutes of last Meeting, as requested by that Meeting; and that he well knew that the communication had given much gratification to Mrs. Jackson and the other Relatives.

Mr. Buchan directed attention to the Self-registering Thermometer, and Hygrometer, which had been fixed outside the N.E. Window of the Council Room.

Communication from Mr. Shepherd Lauder

A Correspondence was read, regarding new Stations at Marchmont and Eyemouth, and the Secretary was instructed to make further inquiries regarding them.

Stations at Marchmont.

The following Gentlemen, Observers for the Society, were unanimously elected Corresponding Members of it, viz.:

Observers at Faro and Iceland to be Correspg. Members. Observers very valuable.

A. C. Thorlacius Esq., Merchant, Stykkisholm, Iceland.

Time Prize.

Revd. Jens Olafsen Pálsson, Knight, Pastor of the Church at Reykjavik, Iceland.

Sir J. Holten, Knight, Governor of Faro.

Joseph Guldberg Esq., Government Physician, Do.

Books from Mrs. Jackson to be acknowledged.

Major R. Stuart, Consul at Janina, Epirus.

Mr. Alexr. Walker's Gift of Books.

Among the Donations laid on the table was a very handsome present of Books and Diagrams from Mrs. Jeremy Jackson, for which the Council agreed specially to return their cordial thanks — to be expressed by Dr. Keith Johnston.

Thanks were also directed to be expressed, by Mr. Buchan, to Mr. Alexander Walker, Castle Newe, for his gift of two valuable M.S. Volumes, containing Meteorological Observations recorded by him during a long course of years.

9th April 1867.

On the motion of the Chairman, the following Gentlemen were unanimously elected Annual Members of the Society, viz. –

J. Gilchrist Clark Esq. of Speddoch £1.1.–

Hugh Hamilton Esq. of Pinmore 1.–.–

× Mr Thomas Just, Haddington – James Tait Esq., ~~Salem~~ Falcon Hall, Kelso – ×

James Reid Esq., M.D., Innerleithen –.10.–

J. Roberts Thomson Esq., M.D., Bournemouth

Mr Thomas Hair, Belmuello, Leadhills –

and Dr Stevenson Macadam was, at his own request, transferred from the list of Annual, to that of Life, Members –

Meeting of the Council, at the Society's Chambers, on 31st May 1867 at Three P.M. –

Present – Mr. Milne Home – in the Chair –
Admiral Ramsay –
Mr. Stevenson –
Mr. Smith –
Mr. Stephens –
~~Mr.~~ Capt. Thomas –

Apols. for Marquis, Mr. Sanderson, Sir W. Johnstone, & Dr. Seller –

Apologies were made, for absence, on behalf of The Marquis of Tweeddale, Sir William Stirling Johnstone, Mr. Sanderson, and Dr. Seller –

The Secretary –
The Treasurer –

The Minutes of last Meeting, held on 19th April last, were read, and found correct –

19th or 26 June.

Mr. Stevenson was requested to give an Address on the Barometric gradient in relation to the force of the Wind in Storms at the forthcoming General Meeting, and he agreed to do so, if in his power.

[illegible]

Mr. Stephenson, also, was requested, to ~~do~~ the same, on the Cirrus Cloud as a valuable prognostic of the Weather, and he promised to do so, as he best could.

Col. Sykes' letter, & Deputation which had waited on [illegible] –

A Letter from Col. Sykes to the Secretary was read – It had reference to the Duke of Richmond, regarding the resumption of Storm Signals, holding out the prospect of their possibly being resumed ere long –

Meteorl. Edn. in Prim. Schools –

The Chairman, Dr. Johnston, and Mr. Stevenson, a committee ~~[illegible]~~, for the purpose of considering of measures towards a more general introduction of

Meteorology as a Branch of Education in Schools –

Materials for next No. of Journal –

It was agreed that the Weather of Scotland during March 1867, and its influence on the health of the Population.

Correspce. with Marquis of Tweeddale

Letters from The Marquis of Tweeddale, on the subject of Underground Temperature were read, and Mr. Stephens and the Secretary were requested to correspond with His Lordship thereon.

Letter from the Town Council –

A letter from the Town Council of Edinburgh, requesting the cooperation of the Society toward inviting The British Association to hold their next Year's Meeting in Edinburgh – This was agreed to – ~~Chairman~~ and Sir Keith Johnston, Admiral Ramsay, and the Treasurer, were appointed a Committee thereanent.

The Treasurer was requested to report to next Meeting whether he would suggest as to the formation or not, in the meantime, of a Capital Fund for the Society from Life Subs.

Mr. Miller, Governor of George Watson's Hospital, and Mr. Casella, Optician, London, were unanimously elected Annual Members of the Society, in terms of the Society's Rules –

Meeting of Council, in the Society's Chambers, on 25th June 1867, at 2 P.M.

Present - Mr. Milne Home - in the Chair -
Admiral Ramsay -
Mr. Clerk Arbuthnot -
Mr. Steppens -
Dr. Johnston -

The Secretary -
The Treasurer -

The Minutes of last Meeting, held on 31st ultmo., were read, and found correct -

The Chairman mentioned that he had been in communication with The Marquis of Tweeddale on the subject of His Lordship's Prizes for Observations on Underground Temperature, and that he had agreed to adopt the mode of arrangement which the Chairman had suggested on behalf of the Council -

suggested that The Chairman submitted a Letter he had received from Col. Sykes, regarding the resumption of Storm Warnings, and ~~proposed~~ a Vote of thanks to him for his warm interest he has manifested on the subject should be moved at the General Meeting about to be held -

The Chairman submitted a Report which he, on the part of the Council, had prepared for being made to the General Meeting of the Society tomorrow, and it was approved and adopted -

Agenda - The programme of Business for the General Meeting

was arranged -

The Treasurer mentioned that he had not yet heard any communication from the Lords of the Treasury on the subject of the Memorial sent to them, on 31st. ulto., relative to new Stations to be added to the number of those stations from which are now supplied to the Registrar General -

As directed at last Meeting, the Treasurer submitted a Report on the subject of the formation of a Capital Fund for the Society; and it was agreed that one half of all Life Subscriptions to be received in future should go to the formation of such a Fund -

Meeting of Council, held in the Society's Chambers, on 1st. August 1867 -

Present -
Mr. Stevenson - in the Chair -
Dr. Johnston -
Mr. Sanderson -
The Secretary -

Apologies for necessary absence had been received from Mr. Milne Home and Mr. Smith, and from the Treasurer, who was in the Country -

The Meeting authorized the insertion, in the forthcoming No. of the Society's Journal, of the following Papers, viz. -

1. On the Cold Weather of March 1867, as illustrating the relation between the Temperature and Pressure of the Atmosphere -
2. Report of the Medico-Climatological Committee for the Quarter ending 31st. March 1867, with Notes on the Weather of March 1867 considered with reference to its effects on the public health -
3. Report

1st August 1867.

3. Report of the Council to the Halfyearly General Meeting of the Society held on 26 June 1867.

4. Notes on the prevailing Weather, State of Vegetation, &c, at various Stations in the Country –

The Secretary stated that he had received two years' Meteorological Returns from Dr. Chaplin, Jerusalem, Palestine, and that he had prepared a Paper on the Climate of Jerusalem, based on these and the other Observations previously received, including, in all, a period of three years and four months – Owing to a press of matter this Paper is deferred to next No. of the Journal –

The Council unanimously elected the following Gentlemen Annual Members of the Society, in terms of the Rules, &c –

	Joseph Baker Esq., Woodside House, Coat:bridge	£
Gr. Stow –	John Borthwick Esq. of Crookston	1. 1. –
	Thomas Ellis Esq., Chalton Lodge, Andover	1. 1. –
Prestbury near Cheltenham –	George Makgill Esq. of Kemback	3. – –

The Secretary reported that the following Donations had been presented to the Society during the last six months, ~~Viz~~ See Journal –

Mr Milne Home
Meriaties
Resln Srv
[illegible]

Meeting of Council, in the Society's Chambers, on 17th October 1867. at Two, P. M.—

Present—
Mr. Milne Home—in the Chair—
Mr. Stephens.
Mr. Cunningham—
Professor Balfour—
Dr. Johnston.
Mr. Cleg Arbuthnot—
Mr. Sawson.
Admiral Ramsay—
Apologies were received from Admiral Sir William J. Johnston and Dr. Seller, for necessary absence—
The Secretary—
The Treasurer—

The Minutes of last Meeting, held on 1st August last, were read, and found correct—

~~St Kilda~~. A Letter from The Revd. Mr. Mackay, the Society's Observer at St. Kilda, intimating the safe arrival of the Instruments sent to him, and that he had begun observing. He requested some instructions. To be sent to him, by Mr. Buchan—

~~Stykkisholm~~ Notice of the arrival of the Instruments sent to Stikkrisholm had also been received—

A Letter from Dr. Rankin, Otto House, was submitted, ~~Otter House~~ intimating, to the great regret of the Council, his resignation as an Observer. Mr. Buchan was directed to correspond with him on the subject, and to request ~~Norway~~ he would kindly good offices toward a fit successor to him being obtained—

The Secretary read a letter which he had received from M. Mohn, Director of the Meteorological Society of Norway

LS

~~Board of Trade.~~

~~Mr Scott~~

~~Mr Buchan's suggestions~~

~~The Chairman's suggestions - an office -~~

~~Mr C. A. Arbuthnot and Dr Johnston's suggns -~~

Stations on the west Coast of Ireland -

~~A Report to be prepared by Mr Buchan, for the Board of Trade.~~

~~Contents of next No. of Journal.~~

Norway, stating that he had just returned from a tour through the North of Norway, and had established Meteorological Stations at Hammerfest, Bodö, Tromsö, and Vardö: These Stations, together with this Society's own Stations in Iceland and Faro, will, the Council consider, prove of the highest possible value to the study of European Storms.—

A Letter was read from the Lords of H. M. Treasury, in reply to this Council's Memorial sent to their Lordships in June last, stating that they were pleased to sanction the expense of publishing Returns from seventeen of the Society's Meteorological Stations in Scotland, in addition to the fifty-five of these Stations from which Returns are already published by the Registrar General. Their Lordships also expressed a wish that the Council of the Society would agree to co-operate with the Committee of the Royal Society, in bringing about a uniformity in Meteorological Observations. Mr Buchan was directed to make known to Their Lordships the readiness of the Council to comply with this wish.—

~~A conv~~ The Chairman, Dr Johnston, and Mr Buchan, made verbal statements as to what had passed on the subject of Storm Warnings, at the late Meeting of the British Association at Dundee, and a conversation on the subject ensued, resulting in Mr Buchan's being directed to prepare a Report embodying the subject of the conversation, and to transmit it to the Chairman, with a view to bringing the views of the Council before the Deputation appointed by the British Association, to urge on H. M. Government the resumption of Storm Warnings.—

In connection with the subject of Storm

Warnings,

17th October 1867.

Warnings, the Council continue impressed with the great importance of Stations being established on the West Coast of Ireland.

It was agreed that the Contents of the next No. of the Journal should be as follows—

1. Remarks on the Climate of Jerusalem (in Syria), with Tables.
2. Interruptions in the Regular Rise and Fall of Temperature in the year. Third Table.
3. Report of the Medico-Climatological Committee for the Quarter ending 30 June 1867.
4. The Gales which prevailed in Scotland in the end of September 1867, with their relations to Storm Warnings.

× 6. Remarks on the prevailing Weather, state of Vegetation, &c. at various Stations.

× 5. Remarks on the Climate of Erzeroum.

It was further agreed that the next subject for investigation by the Secretary should be the Storms which occurred in America during March and September 1859, and the relation of these Storms to the Weather of Europe at the time.

The following Gentlemen were, on the motion of the Chairman, unanimously elected Annual Members of the Society, viz.—

James Wyllie Guild Esq., C.A., Glasgow	£1.1.–
Peter Young Esq., Surgeon, Dundee	–.10.–
William Merricks Esq., Roslin Gunpowder Mills (proposed by Mr. Sargent)	
Duncan Brodie Esq., Birnam Cottage, Bridge of Allan	1.1.–
William Brown Esq., M.D., Bridge of Allan	–.10.6
Peter Campbell Esq., M.D., Do.	–.10.6
John Murray Esq., M.D., Forres	–.10.6
D. Trotter, Tillott	–.10.6

Special Meeting of Council
held in the Society's Chambers,
on 14th November 1867, at Noon —

Present —
The Most Noble The Marquis of Tweeddale in the Chair.
Mr. Stephens —
Sir William J. Hope Johnstone —
Dr. Johnston —
Mr. Smith —
Mr. Cunninghame —
Mr. Stevenson —
Professor Balfour —
Mr. Sanderson —

It was deeply regretted that Mr. Milne Home was prevented by illness, from being present — as intimated by letter to Mr. Buchan.

Storms &c. Mr. Home — Mr. Buchan read to the Meeting a Report which had been prepared by Mr. Milne Home, for being submitted to this Meeting, on the subject of Storm Signals, with a view, should it meet the approbation of the Council, of its being made the groundwork of a Memorial to be submitted, through His Grace The Duke of Buccleuch, to the deputation appointed by The British Association, at its recent Meeting at Dundee, to wait upon Her Majesty's Government and urge upon them the resumption of a System of Storm Warnings. After full consideration and discussion, it was unanimously resolved to approve and adopt the Memorial, and directions were given for its being duly forwarded to His Grace.

Mr. Buchan submitted to the Meeting a Letter, dated 8 Nov. 1867, which had been addressed

to

to him by ~~the~~ Professor Piazzi Smyth, relative to indistinct writing of figures in the Returns made by a few of the Society's Observers. Mr. Buchan was directed to see to the rectification of the Evil complained of -

Mr. Buchan drew attention to a Map of the Northern Hemisphere which he had prepared, in connection with North American Storms in their relation to the Storms of Europe; and pointed out those portions of the Earth's surface from which he desiderated Observations. On ~~Mr. Buchan's~~ the Chairman's suggestion a Committee was appointed, consisting of Admiral Hope Johnstone, Mr. Smith, and Mr. Sanderson - Admiral Hope Johnstone Convener - to co-operate with Mr. Buchan toward procuring the information he finds so essential in ~~his~~ prosecuting his inquiries - Mr. Buchan was also authorized to apply for Extracts from the Meteorological Committee of the Royal Society and from Colonel Sir Henry James of the Meteorological Registers in their possession - Copies to be made at the Expense of this Society -

Mr. Buchan submitted a Letter which he had received from the Revd. S. O. Pálsson, the Society's Observer at Reykjavik, dated 17th. October last, in which he mentioned the fracture, during its transmission to him, of the Barometer lately sent to him, and Mr. Buchan was directed forthwith to replace it by a new Instrument. It was further agreed, on the suggestion of Mr. Smith, that any Expenses of carriage of Instruments &c. necessarily incurred by Mr. ~~Pálsson~~ Observers, in his remote locality, should be repaid to him by the Treasurer -

The following Gentlemen were, on the motion of the Noble Chairman, unanimously elected Ordinary Members of the Society, in terms of the Rules - viz. -

6th November 1867.

Visitors ~~Life Members~~

G. Stirling Home Drummond Esq of Blair Drummond	£10.10.–
James F. Low Esq., Monifieth	10.10.–

~~Annual Members~~

~~James Wyllie Guild Esq., C.A. Glasgow~~	~~£1.1.–~~
~~Peter Young Esq., Surgeon, Dundee~~	~~–.10.–~~
~~William Merricks Esq., Roslin Powder Mills~~	–
~~Duncan Brodie Esq. of Potter Bridge of Allan~~	~~1.1.–~~
~~William Gordon Esq., M.D., Bridge of Allan~~	~~–.10.6~~
~~Peter Campbell Esq., M.D., Do.~~	~~–.10.6~~
~~John Murray Esq. M.D., Forres~~	~~–.10.6~~
~~D. Beattie, [illegible]~~	~~–.10.6~~

Meeting of Council, in the Society's Chambers on 24 December 1867, at 2½ P.M. —

Present — Mr. Stephens, in the absence in the Country of Mr. Milne Home, in the Chair —
Admiral Ramsay —
~~Admiral Sir William J. Hope Johnstone —~~
Mr. Smith —
Mr. Sanderson —
Mr. Cunningham —
Dr. Johnston —
Dr. Mitchell —
~~Professor Balfour —~~
~~Dr. Keith Johnston —~~
~~Mr. Stephens —~~
~~Apologies were offered, at their request, for necessary absence, on behalf of Sir William J. Hope Johnstone and Mr. Arthur Wilbanot.~~
The Secretary —
The Treasurer —

Letters of apology, for necessary absence, from The Marquis of Tweeddale, Mr. Milne Home, Mr. Charles Arbuthnot, and Professor Balfour, were read —
The Minutes of the two last Meetings of Council, held on 17th October and 6th November last, were read, and found correct —

Dr. Rankine's decease —

Liverpool Correspondence.

Mr. Mc. Iver —

Delay —
Mr. Smith —

24 December 1867 –

Mr Buchan reported what he had done with regard to the Stations in Iceland –

Mr Buchan reported, also, what he had done as to the imperfect writing of the Returns from some of the Society's Observers – as complained of by Mr. Piazzi Smyth –

Mr Milne Home's Letter –

Meeting of Council, held in the Society's Chambers, on 17th January 1868, at 2 P.M. —

Present — Mr. Milne Home — in the Chair —
Mr. Cunningham —
Admiral Ramsay —
Mr. Sanderson —
Professor Balfour —
Mr. Stephens —
Dr. Keith Johnston —
Mr. Smith —

Apologies, for necessary absence, were made on behalf of Sir William J. Hope Johnstone and Mr. Clerk Rattray —

The Minutes of last Meeting, held on 24th ulto., were read, and found correct —

Storm Signals — Mr. Smith's communication re Leith — Mr. Thomson there — Mr. Milne Home — Do. —

The Secretary intimated that, after conferring with the Chairman, he had written to Mr. Farrer, Board of Trade, expressing the Council's opinion that the Board should pay at least two thirds of the local expenses in connection with the hoisting of the Storm Signals.

17 January 1868.

It was arranged that the following should be the subjects brought before the General Halfyearly meeting to be holden 29th inst., viz.—

1. Report from the Council—
2. Election of three new Members of Council—
3. Popular Addresses.
   1st. Storm of 1st December 1867—
   2d. A Paper, by Dr. Mitchell, as to whether Exceptions in the Distribution of Temperature × affect the Distribution of Disease and Death—
   3d. Weather of July 1867, in relation to the Cattle ~~July~~ harvest.

~~4. Letter from~~

A Letter from the Governor of the Bahamas, detailing the Meteor Shower of 14 November 1867, as seen at the Bahamas, was laid before the Meeting, and received with much interest.

On the motion of the Chairman, the following Gentlemen were unanimously Elected Annual Members of the Society, in terms of the Rules—

Thomas Innes Esq. of Learney, proposed by Mr. Agilvy of Corsimony—

Thomas Howden, 3 Hos., Esq., M.D., Haddington—

17 January 1868.

Owing to the decease of ~~of~~ Dr. Scoresby Jackson, and the resignation of Dr. Fuller [?], and the existence, thus, of two vacancies in the Council, and, further, Mr. Smith having intimated that Mr. Barsack [?] had requested him to say that, owing to his other avocations he found difficulty in attending the Meetings of Council, and so wished to retire from it, there was no necessity for considering what Members of Council should go out in rotation; and the Treasurer was directed to ascertain whether Mr. Robert Tennent, Wyndock [?] Place, and Mr. Gibson [?], Woolmet, would agree to their being proposed as Members of the Council, the Meeting considering them very eligible for the office; and Mr. Smith undertook to ascertain the willingness of Mr. ~~John~~ William Thomson, ~~of~~ Merchant and Shipowner in Leith, whom he strongly recommended for election, should he be willing.

There was laid before the Meeting a statement which had been prepared with reference ~~in answer~~ to ~~the~~ a Letter from the Treasury, dated 13th inst. The Statement was remitted to Mr. Milne Home, Professor Balfour, and Dr. Johnston, with a request that they would revise it, with a view to its forming part of the Minutes of this Meeting.

Meeting of Council, held in No. 5 St. Andrew Square, on 29th January 1868, at 2 P.M. –

Present – Professor Balfour – in the Chair, pro temp.

Mr. Milne Home –
Dr. Mitchell –
Mr. Stephens –
Mr. Clerk of Penicuik –
Mr. Sanderson –
Admiral Ramsay –
Mr. Smith –
Dr. Johnston –
Admiral Sir William J. Hope Johnstone –
The Marquis of Tweeddale had intimated his inability to be present –
The Secretary –
The Treasurer –

The Minutes of last Meeting of Council, held on 17th inst. were read, and adjusted –

Mr. Milne Home submitted a Report which he had prepared, on the part of the Council, to be made to the Half-yearly General Meeting about to be held – It was approved, and adopted –

A Letter from the Lord Provost of Edinburgh, (a Member of the Society) addressed to the Treasurer, and having reference to Reports, in the Times Newspaper, of the Temperature at Leith, was read, and directed to be laid before the General Meeting, as requested by His Lordship –

Issue Minute

A Letter from Mr. Farrer, of the Board of Trade, to the Secretary, dated 18 Jan. 1868, was read – It was in reply to the Letter addressed to him lately by the Committee approved –

the Secretary. Inst. Mr. Farrer stated that ~~while~~ the Board did not see their way to the paying ~~[illegible]~~ of any part ~~[illegible]~~ of the local Expenses connected with Storm Warnings; the subject might be held ~~considered~~ as still open for consideration.

but the tenor of his Letter appeared to open room to hope

The following Gentlemen were unanimously elected Members of the Society, in terms of the Rules.

Life Member.

David I. Macfie Esq., Kilmund, Kinross £10.10.-

As Annual Members.

William Thomson Esq., Merchant and Shipowner in Leith, proposed by Mr. Smith. £-.10.6

Peter Deans Esq., Mount Charles, Portobello -.10.6

Hugh Sibbald Esq., Manufacturer, Galashiels. -.10.6

The Revd. James Selkirk, Westchurch Manse, Do. -.10.6

The three last Names proposed by Mr. Thomas Brown, Galashiels, a Member of the Society.

The Treasurer reported that he had been in correspondence with Mr. Tennent and Mr. Sitzon as to their willingness to be proposed, to the General Meeting, for Election as Members of the Council of the Society, and that each had agreed. Mr. Smith reported the willingness of Mr. Thomson to the same effect.

Mr. Milne Home, Professor Balfour, and Dr. Johnston, were requested to act as a Committee for revising a ~~letter~~ statement which had been prepared with reference to a Letter from the Treasury, dated 13th inst., relating to the proposal to add Nineteen additional Stations to the number which appear in the Registrar General's Quarterly Reports.

A Programme of Business for the General Meeting was read, and approved.

Meeting of Council in the Society's Chambers, on 21st February 1868, at 2 P.M.—

Present — Mr. Milne Home — in the Chair —
Mr. Stephens —
Mr. Sanderson —
Admiral Ramsay —
Mr. Cunningham —
Dr. Johnston —
Dr. Mitchell —
Mr. Tennent —
Admiral Sir W. J. Hope Johnstone —
Professor Balfour —

The Secretary —
The Treasurer —

An apology from Mr. Stevenson for necessary absence, was read —

The Minutes of last Meeting of Council, held on 29th ulto., were read and found correct —

Before proceeding to business, the deep regret of the Members of Council present was expressed on the occasion of the decease of Sir David Brewster, an honored Member of this Society; and it was agreed that, in next No. of the Journal, expression should be given to the feelings of the Council under this so lamented loss.

Arrangements were made for the Contents of next No. of the Journal; ^Subjects~~as also~~ the subjects for investigation by the Secretary next to be undertaken by him, to be, 1st, Hurricane of 24th January 1868 — 2d, The Weather of July 1867 in relation to the Crops of that Season — 3d, The Storms in North America occurring in March, September, and October, 1859 —

Sir Walter Elliot's Commn. to Mr. Milne Home —

Hel. of New Stations.

Committee's report ... at ... Meeting.

Storm Signals. Col. Sykes.

Stations.

The Chairman mentioned a conversation he had had with Sir Walter Elliot, in consequence of that Gentleman's having asked him how, and where, he could procure trustworthy information in Edinburgh, as to the force of the Wind during the hurricane of 24th January last. That he had learned that the Anemometer attached to the Observatory on the Calton Hill was out of repair, which was to be regretted, seeing that there was no other Anemometer at present available for continuous observation in Edinburgh. And he agreed to bring the subject before a Meeting of the Council of the Royal Society, the Anemometer referred to being the property of that Society, at a Meeting which had been fixed for that day.

Dr Johnston, on the part of the Committee appointed at the Meeting held on 17th ulto, submitted an amended draft of that part of the Minute of that Meeting which related to correspondence with the Treasury regarding the proposal to add seventeen new Stations to those the Returns from which are at present sent to the Registrar General. And it was directed to be engrossed as part of the Minutes referred to.

The Secretary reported the Donations to the Society which he had recently received; and a List of them was directed to be inserted in the accompanying No. of the Society's Journal.

The Chairman mentioned his having seen Col. Sykes, who had read the report, in the Newspapers, of the last Half-yearly General Meeting of the Society

Meeting of Council in the Society's Chambers, on 6th May 1868, at 2 P.M.—

Present — Mr. Milne Home — in the Chair —
Mr. Sanderson —
Mr. Stephens —
Mr. Cunningham —
Mr. Tennent —
Admiral Ramsay —
Dr. Keith. [illegible] —

An apology for necessary absence, from Mr. Smith, had been received.
Mr. Stevenson — Professor Balfour —
The Secretary —
The Treasurer —

Before proceeding to the ordinary business, the Chairman called the attention of the Meeting to the late atrocious attempt on the life of His Royal Highness the Duke of Edinburgh, and suggested the propriety of the Council's sending a respectful Address to H.R.H., expressing their deep abhorrence of the attempt, and their hearty congratulations on his providential escape; and he submitted a Draft Address, which was adopted, and directed to be forwarded to H.R.H., through the usual channel. The Marquis of Tweeddale was respectfully requested to subscribe the Address, on behalf of the Council. (The Address to be copied here.)

Mr. [illegible] [illegible] before the R.S.J. — The Minutes of last Meeting of the Council, held on 1st February last, were read, and found correct.

Rent. — A conversation took place regarding the great desirableness of the Lords of the Treasury being induced to forego the exaction of Rent for the Society's Chambers, or, as suggested by Admiral Ramsay, giving a Grant to the Society equivalent to the

amount

6 May 1868.

Rent
Subject for investigation

amount of the Rent exacted; and it was resolved that a Memorial on the subject be prepared, and presented to Their Lordships by, it was hoped, the Noble President of the Society, he happening to be, at present, in London.

Mr. Buchan may use the Society's Name, in his applications for information

The Meeting authorized the insertion of the following Papers in the forthcoming No. of the Society's Journal, viz:-

Dr. Johnston as to Ref.^s Lengthy Returns - The Marquis to be the medium of all communications with Public Departments

1. The Weather of July 1867, considered with reference to the Harvest of that year.
2. The Hurricane of 24^th. January 1868.
3. Table of Observations of Plants, Birds, &c., in connection with the Seasons.

Prof.^r Smyth's Letter - Mr. Home to answer it, after consult. with Mr. Stevenson & Dr. Johnston

It was agreed that the next subject for investigation ~~should be~~ by the Secretary should be An Examination of certain Storms which had occurred in North America during March 1859.

New Stations not to be paid for

The Secretary reported that Letters, and Schedules of Observations, had been received from the Society's Observers in Iceland and Cyprus, and at Jerusalem and Damascus, from which it appeared that at each of these places the past winter had been unusually severe.

Corresp.^ce wt. Mr. Scott -

New Members.

He also stated that he had visited the Society's Station at Leith, and reported that the Thermometer Box, its position, and that of the Rain Gauge, was now very satisfactory - also that a new Thermometer Box had been got for Perth, and had been placed in a suitable situation.

All visitors to be shewn towards at a Council of the Parliament

Portraits

It was agreed that the Secretary may use the Society's Name in his Applications for information on subjects connected with the Society's objects.

Lerwick Station

Managing Comm. Reporting &c.

Board of Trade

Le Verrier – Exchange allowed

Committee of Adv. Meeting

D. Johnston read a Letter which he had had from the Marquis of Tweeddale, with reference to an application which had been made by the Secretary of this Society to the Registrar General of England, for the weekly and Quarterly Returns of Births Marriages and Deaths, for England, which application had been refused. His Lordship intimated that he had ~~partly~~ succeeded in securing for the Society all such Returns that may be published in future – and, with regard to the past publications, His Lordship was not without hope that he would succeed in obtaining them also. The Meeting very gladly acceded to His Lordship's kind request that all such applications, on St: Matters generally they might require to be made, should be made through the medium of His Lordship.

A Letter was read from Professor Piazzi Smyth, directing the attention of the Council to certain statements which had appeared in the Scotsman Newspaper as having been made by Sir James Y. Simpson, tending to throw discredit on the system of taking averages, and suggesting that the Council of this Society should take some steps toward meeting such a statement. The Chairman kindly agreed to answer Professor Smyth's Letter.

The Secretary laid on the table a Paper which had been issued by the Meteorological Department of the Royal Society, giving a description of a Semaphore which it is proposed to use instead of the Drum in giving intimation of coming Storms.

The Secretary mentioned that the Barometer had been broken, and the Observations interrupted &

:rupted, at Portree, and that the Observer had expressed unwillingness to continue his services to the Society. but had agreed to do so in the meantime.

A Letter from Mr. Rainy of Raasay, who had just joined the Society, to Mr. Tennent, was read, intimating his ~~desire~~ willingness ~~[illegible]~~ to have Observations made at Raasay for the Society. The Meeting, considering the importance of that locality for a Station, and ~~[illegible]~~ all the more, that it might be found necessary to abandon the Station at Portree, directed the Secretary to correspond with Mr. Rainy on the subject, and report to a future Meeting of Council.

Dr. Lowe then reported that the Self-registering instrument which had been in course of preparation for the Marquis of Tweeddale had been completed, and set up at Yester. The Meeting expressed the interest in the results expected from the use of the Instruments referred to, especially intended, as it is, to illustrate the important subject of Solar Radiation, in relation to Crops.

A Letter was read, from Mr. Le Verrier, as President of L'Association Scientifique de France, proposing an interchange of Publications, chiefly with reference to notices of subjects discussed in the Journal of this Society being inserted in the Association's weekly Bulletin. The proposal was cordially agreed to.

6 May 1868 –

The following Gentlemen were, on the motion of the Chairman, unanimously Elected Members of the Society, in terms of the Rules, Viz.: —

As a Life Member –

Alexander Jardine Esq. of Lanrick	£10.10.–

As Annual Members –

Andrew Wauchope Esq. of Niddrie	£1.1.–
James Nicol Esq., M.D., Llandaff	–.10.–
Thomas McClure Esq., Belmont, Belfast	1.1.–
James Rankin Esq., Bryngwyn, Hereford	1.–.–
Thomas Constable Esq., Printer to Her Majesty	–.10.6
J. H. Rainy Esq. of Raasay, proposed by Mr. Tennent –	1.1.–

Meeting of Council, in the Society's Chambers, on 2d. June 1868, at Noon –

Present – Mr. Milne Home – in the Chair –
Admiral Ramsay –
Mr. Smith –
Mr. Stevenson –
Mr. Sanderson –
Dr. Mitchell –
Mr. Stephens –

The Secretary –
The Treasurer –

The Minutes of last Meeting of Council, held on 6th. ~~ult~~o., were read, and found Correct –

They

2d. June 1868 -

The Chairman submitted a Memorial to the Lords of the Treasury, which he had prepared, in consequence of what passed at last Meeting, on the subject of a Grant to the Society; and, after a full discussion, the Memorial was approved, and adopted, and directed to be printed, and circulated, in the first place, among the Members of Council. It was, also, thought worthy of consideration, whether a deputation to the Lords of the Treasury might not be arranged, especially as the Noble President of the Society is at present resident in the neighbourhood of London -

Letters read by Mr. Buchan

Genl. Meeting - It was agreed that the Half Yearly General Meeting shall be held, in No. 5 St. Andrew Square, on Wednesday the 8th July at 2.30 P.M. - It was mentioned that Mr. George Seton, an old Member of the Society, had kindly agreed to read a Paper before the Meeting; and it was hoped that Mr. Meldrum, Secretary of the Meteorological Society of the Mauritius, would also read a Paper, or make a verbal statement, at the Meeting, as they

2d. June 1868 –

The Secretary stated that Mr. Meldrum might also give some account of a hurricane which occurred at the Mauritius on 10th March last –

the subject of a Fever recently prevalent at the Mauritius, and which they ~~decidedly~~ attribute to atmospheric causes. Mr. Sanderson kindly indicated his willingness to state certain facts of which he is in possession, bearing on the same subject in connection with other localities in the Indian Ocean – Dr. Mitchell also expressed his willingness to give some information on ~~atmospheric causes of disease~~ the ~~remarkable~~ ~~Wind~~ gale which so injuriously affected Vegetation in Scotland on 28th April last – The Secretary was directed to give a short verbal account of the Storm which occurred in the North of Scotland and in Norway on 7th February last –

Thermometer from Kew –

Mr. Buchan mentioned ~~reported~~ that he had visited the Station at Thirlestane Castle, and he read a Report ~~showing~~ ~~thus~~ from which it appeared that he had found the Instruments &c. there in a satisfactory state –

Mr. Buchan was authorized to order a verified Standard Thermometer from Kew –

Instrument

2d June 1868.

The following Gentlemen were, on the [motion] of the Chairman, unanimously elected ~~Honorary~~ Annual Members of the Society, in terms of the Rules, viz:—

~~As Life Member~~

~~Alexander Jardine Esq. of Lanrick — £10.10.—~~

~~As Annual Member~~

~~Andrew [illegible] Esq. of [illegible] — £1.1.—~~

~~James Nicol Esq., M.D., [illegible] — 10.—~~

~~Thomas McClure Esq., Belmont, Belfast — 1.1.—~~

~~James [illegible] Esq. [illegible] — 1.—~~

~~Thomas Constable Esq., Printer to Her Majesty — 10.6~~

~~J. H. [illegible] Esq. of [illegible] — 1.1.—~~

R. H. Barnes Esq., 45 Kensington Palace Gardens, London — 2.2.—

Thomas Mansfield Esq., C.A., and President of the Society of Chartered Accountants in Edinburgh — 1.1.—

~~George Todd Esq., Manager of the Scottish Equitable Life Assurance Society~~

Meeting of Council, in No 5 St. Andrew Square, on 8th ~~July~~ 1868, at Half past Two, P.M.—

Present — Mr. Milne Home — in the Chair —
Sir William J. Hope Johnstone —
Dr. Johnston —
Mr. Stephens —
Mr. Smith —
Admiral Ramsay —
Mr. Stevenson —

The Secretary —
The Treasurer —

The Minutes of last Meeting of Council, held on 2d. ulto., were read, and found correct —

The Chairman intimated, with great regret, that a letter had been received from the Noble President of the Society, by Dr. Johnston, in which His Lordship, still in the neighbourhood of London, mentioned his inability to be present at the Half yearly General Meeting of the Society about to be held —

An apology for necessary absence was also made on behalf of Mr. Clerk Arbuthnot —

The Chairman submitted a Report which he had prepared for the General Meeting, and it was approved, and adopted —

8 July 1868 -

The following Gentlemen were, on the motion of the Chairman, unanimously elected Annual Members of the Society, with [illegible] Subscriptions, viz.

Colonel Knight Erskine of Pittodrie	£1. 1. –
David Maclagan Esq., Manager of the Edinburgh Life Assurance Coy	– . 10 . 6
A. H. Whytt Esq., Secretary of Do.	– . 10 . 6
George Todd Esq., Manager of the Scottish Equitable Life Assurance Society	– . 10 . 6
William Finlay Esq., Secretary of Do.	– . 10 . 6
Stuart Esq. of New York,	– . 10 . –

Proposed by R. A. Macfie Esq. -

Meeting of Council, in the Society's Chambers, on 14th October 1868, at 12½ P.M.

Present. The Most Noble The Marquis of Tweeddale in the chair.

Mr. Milne Home.

Admiral Ramsay.

Professor Balfour.

Mr. Clerk Arbuthnot.

Mr. Tennent.

Dr. Keith Johnston.

Mr. Sanders.

The Secretary.

The Treasurer.

An apology was made for Mr. Stevenson's absence, he being confined to the house, by sore throat. also for Sir William J. Hope Johnstone, at present in Ireland, and for Mr. Cunningham.

The Minutes of last Meeting, held on 8th July last, were read, and found correct.

Mr. Milne Home made some observations on Mr. Buchan's Paper on Storms proposed to be published in the next No. of the Journal, and read to the Meeting Notes which he had prepared, containing his views on the subject. The consideration of the whole subject was remitted to Dr. Johnston and Mr. Stevenson, as a Committee. Dr. Johnston Convener. The said Committee to have power to adjust Mr. Buchan's Paper, for publication in the Society's Journal. The cordial thanks of the Meeting were expressed to Mr. Milne Home, for the great attention he had so kindly given to this important subject.

The

The Meeting then took up a Letter, dated 26th. September 1868, and addressed to the Noble President of the Society, from the Secretary of the Treasury, in answer to the Memorial addressed to the Lords of the Treasury by the Council of this Society, ~~for~~ with a view to the Society's obtaining an annual grant from Government ~~from Government~~ to aid in carrying out the Society's objects. Mr. Milne Home read to the Meeting an answer which he had prepared, to the said Letter. The Meeting returned their hearty thanks to Mr. Milne Home for his kind labour on this subject also. And, as it was thought, by the Members of Council, in concurrence with Mr. Milne Home himself, ~~that~~ the Letter might admit of condensation, it was remitted to Mr. Milne Home for the purpose of his condensing it, and having it dispatched in due course.

The Marquis's Communication.

The following Gentlemen were, on the motion of the Noble Chairman, unanimously elected Annual Members of the Society, &c.

The Honble. Robert Baird, Coalston House, proposed by Admiral Ramsay. £1.-.-

William Hutcheson Esq. of Cairngall, Longside, Aberdeen.

William Dingwall Fordyce Esq. of Brucklay, Esq. M.P.

James Skinner Esq., Factor for the Duke of Richmond, Drummuir.

The last last named Gentlemen proposed by the Revd. Walter Gregor, New Pitsligo, a Member of the Society.

Humphrey Graham Esq., W.S.

The cordial thanks of the Meeting were, on the motion of Dr. Johnston, expressed to the Noble Chairman for his kindness in coming to Town for the purpose of attending this Meeting.

Meeting of Council, in the Society's Chambers, on 14th January 1869, at 3 P.M.—

Present—The Noble President of the Society—in the Chair
Mr. Milne Home—
Dr. Mitchell— Dr. Johnston—
Mr. Tennent—
Mr. Stephens—
Mr. Stevenson—
Admiral Ramsay—
Mr. Smith—
Mr. Sanderson
Apologies were intimated, as having been made for inability to be present, from—Professor Balfour,
Mr. Cunningham—and
Mr. Aitken, Darlmet—
And Dr. Johnston laid before the Meeting a Note which he had received from Mr. McLaren, requesting that his Name be withdrawn from the List of Members of the Council, as his other duties made attendance at Meetings impossible—Mr. McLaren's resignation was accepted accordingly—
Present, also, the Secretary—
The Treasurer—

The Minutes of last Meeting of Council, held on 15th October last, were read, and found correct.
The first subject taken up was that of Ozone—Dr. Crum Brown, who had been requested, by Mr. Milne Home, to favor the Council with his presence at this Meeting, exhibited an instrument which he had had constructed, as illustrative of this important subject—Dr. Mitchell, also, exhibited an Instrument which
he

Milman – x
Baikie – x
Bremner –
Johnston – x
Duncan –
Douglas D. –
Dalmahoy x
Chambers –
~~Keith~~
Lawson
McNeill –

he had had constructed, while he was in Algeria, in the Year 1855 – A conversation took place, on the relative merits of the two Instruments, each of which appeared capable of being usefully experimented with; and the cordial thanks of the Meeting were expressed to Dr. Brown, for his kindness in attending, and exhibiting and expounding his Instrument – And the following Gentlemen were appointed as a Committee to examine, further, both the Instruments, and ascertain the probable expence of each, in such form as might be available in the hands of Observers of the Society – Viz. Mr. Sanderson, Mr. Stevenson, and Dr. Mitchell – Dr. Mitchell Convener – Dr. Crum Brown was requested, and agreed, to attend the Meetings of the Committee – And it was hoped that a Report might be laid before next Meeting of Council –

The subject of Underground Temperature was then taken up, and an interim Report by Mr. Buchan was read on the results of the offer of a Prize made by the Noble President of the Society – Mr. Buchan was directed to continue his examination of the Returns made on the subject –

Instruments from Board of Trade –

Letter to the Treasury – Mr. Milne Home, Dr. Smith Mitchell, Mr. Stevenson, Mr. Smith – Dr. J. Convener –

A Deputation

The Draft of a Letter to the Lords of the Treasury, which had been circulated, in Proof, among the Members of the Council, was considered, and remitted to the following Members, as a Committee, for final revision and dispatch, through the Noble President of the Society, after being subscribed, on behalf of the Council, by His Lordship, Viz. Mr. Milne Home, Dr. Johnston, Dr. Mitchell, Mr. Stevenson, and Mr. Smith – Dr. Johnston Convener –

Mr. McLaren's resignation as a Member of the Council having been accepted, and the other avocations of Mr. Gilzean, Boolneck, and Mr. Thomson, Leith, having prevented their attending any of the Meetings of Council during the past year, it was resolved that their places should be held as vacant; and the Treasurer was directed to sound the following Gentlemen, Members of the Society, as to their willingness to be proposed for Election, to the General Meeting of the Society about to be held, Viz^t. Professor Allman, Rev^d. George Johnston, D.D., D^r. Crum Brown, D^r. Baikie, and Mr. James Dalmahoy -

It was resolved that the Half yearly General Meeting of the Society be held on Wednesday, the 27^th. inst^t., within St. Andrew Square, at 2 o'clock - the Council to meet there at 1½, P.M. -

The following Gentlemen were, on the motion of the Chairman, elected Annual Members of the Society, in terms of the Rules, Viz^t. -
Mr. Lindsay, Rifle Park, Lanark -
D^r. J. Wilm. Johnston, Hermitage Brae, Leith Road, Leith -
Admiral Sir Edward Belcher, K.C.B., London -
Mr. Clarke, Morningside, Abbey, Tyrone -
D^r. Nachot - D^r. Angus Macdonald, 41 Heriot Row, Society - proposed by

The Draft of a Memorial to the Directors of the Highland and Agricultural Society of Scotland, with a view to their being induced to enlarge that Society's Annual Subscription to the funds of this, was submitted and approved, and directed to be subscribed by the Honorary Secretary, the Noble President of this Society being also President of the Highland and Agricultural Society -

Arrangements for the Half yearly General

General Meeting of the Society about to be held tomorrow.

Meeting of Council in No. 5 St. Andrew
on 27th January 1869, Square, at 1½ P.M. –

Present – The Noble President of the Society, Mr. Milne Home in the Chair –
Mr. Stevenson –
Mr. Tennent –
Dr. Mitchell –
Dr. Keith Johnston –
Admiral Ramsay – Profr. Balfour –
Mr. Stephens – Sir Wm. J. Hope Johnston –
Mr. Sawerson – Mr. Smith –
Mr. McLaren, M.P., favored the Council with his presence, though not now a Member of it –
The Secretary –
The Treasurer –

The Minutes of last Meeting of Council, held on 6th inst., were read, and found correct –

The arrangements for the Half Yearly General Meeting about to be held were completed – Mr. Milne Home read a Report, from the Council, which he had prepared – It was approved and adopted –

The Meeting resumed consideration of the Letter to the Lords of Her Majesty's Treasury, which, after having been finally revised and adjusted by the Committee appointed at last Meeting, had been dispatched, bearing the Signature of the Noble President of the Society, on the evening of 22d inst. – A conversation then took place, in which Mr. McLaren kindly took a part, relative, chiefly, to any steps which it might be expedient to take towards due consideration of the Society's Claims being given at Head Quarters. The general impression appeared to be that, in present circumstances, the hope of a Grant would, in spite of all that has been alleged to the contrary by the Analy

Royal Society Committee, fell to be realized through this Society's obtaining a share of the £10,000 – annually granted to that Committee – Mr. McLaren stated that, looking to the large proportion contributed by Scotland of the Public Revenue, the Scottish Society could not but be considered to have a strong claim to a share of the said Grant of £10.000 –

Meeting of Council, in Society's Chambers on 1st March 1869 at 2 P.M.

Present, – The Most Noble the Marquis of Tweeddale in the Chair,

Mr Milne Home
Mr T. Stevenson
Dr Crum Brown
Professor Balfour
Mr Tennant
Mr Sanderson
Dr George Johnston
Mr Stephens
Dr Keith Johnston
The Secretary

Letters of apology were received from Admiral Sir W. J. H. Johnston, Dr Baikie, and Dr Mitchell.

The Minutes of Meeting of 27th January were read and found correct.

A letter was read from Mr Fletcher N. Menzies Secretary of the Highland and Agricultural Society of Scotland, intimating that the Directors of the Society at their Meeting on the 3d February last had resolved to increase their subscription to the Funds of the Society from £5 to £20 per annum. The Council were much gratified by being informed of this resolution implying as it does a recognition of the connection between Agriculture and Meteorology, and also of the attention paid by the Scottish Meteorological Society to Agricultural questions. The Council authorized an Extract of this Minute to be sent to the Secretary of the Highland and Agricultural Society.

Mr Milne Home read a letter which had been received from the Treasury, in which their Lordships express a regret that they can see no reason for altering the decision which was arrived at in September last with reference to the Society's Memorial for pecuniary ~~aid~~ assistance. Mr Home also read other letters from Col. Sykes, and Mr ~~Mc Laren~~ Mc Laren referring to this subject. After a full discussion the Council agreed to remit to Mr Milne Home to continue his correspondence with Col. Sykes for the purpose of bringing the Claims of the Society before the House of Commons. The following Committee was appointed, Mr Milne Home, Dr Keith Johnston, and Mr Stevenson, Mr Home Convener

The Report of the Ozone Committee was read by Mr Stevenson. The Report embodied two

papers, which the committee recommend for publication in the Society's journal — one by Dr A. Crum Brown, setting forth the most important points in reference to Ozone, considered from a Meteorological point of view; and the other by Dr Arthur Mitchell, in which, after referring to the ~~to~~ method of observing Ozone presently in general use, a method acknowledged every where to be unsatisfactory, he suggests that the observations be made by means of an aspirator, by which an unascertained quantity of air is drawn over the test-papers within a given time, thus securing comparable results. The Marquis of Tweeddale had liberally offered to bear the expense of two aspirators. The Committee therefore recommended that they be ordered. It was recommended that before sending the aspirators to observers in different parts of the country, a preliminary series of experimental observations be undertaken and carried out. Professor Balfour had kindly expressed his readiness to give the use of the Botanic Gardens for the making of the observations. It being ~~essential~~ to the success of this investigation that the Ozone test-papers be of the best quality and prepared on one uniform plan, the Committee have much pleasure in stating that Dr Crum Brown has kindly agreed to prepare the tests to be used in these experimental observations. The council agreed to the recommendations of the Committee.

The Secretary exhibited to the council the model of an Anemometer which has been invented by Mr Robert Ballingall, the Society's

observer at Callabus, Islay. This instrument is constructed to show the pressure exerted by the wind in pounds on each square foot at the time of observations, and the Maximum pressure between any two observations, together with an ingenious contrivance by which the accuracy of the indications may be tested at any moment. The Council instructed the Secretary to communicate to Mr Ballingall their high approval of this anemometer, and suggest that one be constructed and erected at Callabus.

Mr W. Drummond, S.S.C. 42 Frederick St. was unanimously elected a Member of the Society, — proposed by Mr McLagan of Pumpherstone, M.P.

Minute of Council, in Society's Chambers on 8th March 1869. At 2 P.M.

Present, — Mr Milne Home in the Chair,
Dr Johnston
Dr Mitchell
Dr Crum Brown
Dr Baikie
Admiral Ramsay
Mr Sanderson
Mr Clerk Arbuthnot
Mr R. M. Smith
Mr Tennant
Mr Cunningham
Mr Henry Stephens
The Secretary

Apologies were received from Professor Balfour

and Mr Stevenson.

The Minutes of Meeting of 1st March were read and found correct.

Mr Milne Home read a letter from Col. Sykes, and a draft letter proposed to be sent to the Treasury. The Council authorised Mr Home to send this letter to the Treasury signed by him as Chairman of the Council.

Mr Home was requested when in London to do all in his power to forward the objects of this Memorial. Dr Crum Brown, who was to be in London for a few days, agreed to join a Deputation to the Treasury.

Dr Keith Johnston was requested to write to Mr Scott, Director of the Meteorological Department of the Royal Society Committee, intimating that this Society has no alternative but to press the claims for part of the £10,000 grant.

A letter was read from Mr Scott intimating that the Committee of the Royal Society has resolved to present to the Council of the Society the Instruments which had been lent by the Board of Trade to several of the Society's Stations. Dr Johnston was instructed to convey the thanks of the Council to the Committee for this valuable gift.

Minute of Council held in Society's Chambers on 29th March 1869.

Present,— The Marquis of Tweeddale in the chair,
Mr Milne Home
Mr Thomas Stevenson
Mr Robert Tennant
Dr Keith Johnston
Dr Crum Brown
Rev. Dr Johnston
Admiral Ramsay
Mr R. M. Smith
Professor Balfour
Dr Baikie
Mr Cunningham
Mr Stephens

The Minutes of Meeting of 8th March were read and found correct.

Mr Milne Home explained the object and result of the Deputation to the Chancellor of the Exchequer on the Subject of a Grant to the Society. He first ascertained that there would be no risk of disturbing the Royal Society grant of £10,000 and that the only chance was in a Deputation. The result being known to Members it remained to consider what should now be done.

Mr Milne Home proposed an appeal to the Country (Scotland) as the most likely means of raising the much-needed funds, and read draft of a proposed circular to the Members of the Society. A Committee consisting of Mr Milne Home, Mr Stevenson, Mr Cunningham, and Dr Johnston were nominated to carry this proposal.

The Rev J. Peter, Old Deer, Aberdeen, was

unanimously elected a Member of the Society.

Minute of Council held in Society's Chambers on 20th April 1869.

Present, — Mr Milne Home in the Chair
Vice Admiral Ramsay
Professor Balfour
Dr Baikie
Mr Henry Stephens
Mr Thomas Stevenson
Mr James Cunningham
Mr Robert Tennant
Dr Keith Johnston
The Secretary

Letters of apology were received from Admiral Sir W. H. Johnston, Dr Mitchell, and Mr R. M. Smith,

The Minutes of Meeting of 29th March were read and found correct.

Mr Milne Home read draft of a letter to the Marquis of Tweeddale explaining certain mistakes in a private letter of General Sabine's read at a former Meeting of the Council regarding the Deputation to the Treasury.

The proposed Circular to Members and others was approved of; and it was resolved that it be sent out immediately, signed by the Chairman.

It was resolved that steps be taken immediately to collect the arrears of Subscriptions of members for the current year.

The question of appointing an interim Treasurer was postponed to another Meeting.
The Diagrams and Instruments to be exhibited at the Conversazione of the University on the 21st inst. were decided on and the Secretary was directed to make the necessary arrangements.
The following Gentlemen were, on the Motion of the Chairman unanimously elected Members of the Society;— Sir David Wedderburn, Bart. M.P. proposed by E. Cathcart, Esq. of Auchendrane and Mr Turtle, Villa Place, Aghalee, near Lurgan Ireland.

Minute of Council held on in Society's Chambers on 18th June 1869.

Present.— Mr Milne Home in the Chair,
Dr Keith Johnston
Mr Henry Stephens
Mr Kenneth McKenzie
The Secretary

The Minutes of Meeting of 20th April were read and found correct.
Mr Kenneth McKenzie stated that from an interim examination of the State of the Funds he has estimated that there would be a Sum of £100 in the hands of Mr Gibson.
It was agreed that the following Papers appear in the forthcoming No. of the Society's Journal,—
1. Observations on Temperature of the soil, compared with that of the air.
2. Cases of Inquiry for information at the

Office of the Society, on Matters affecting Public Interests.

3. On the Meteorology of Ireland.

4. Meteorological Returns for the Quarter.

It was remitted to Mr. Milne Home and Dr Johnston to fix the day for the General Meeting of the Society. The business before the General Meeting to be

1. Report from Council.
2. Notice of Storm of 15th June 1869.
3. Note on Whirlwinds by Mr. Milne Home
4. Ozone apparatus to be exhibited to the Meeting, and results stated.
5. Observers Diagrams to be exhibited.

The Ozone Committee propose the purchase of a water Aspirator, and the Council agreed to place £2 at the disposal of the Committee for this purpose.

The Secretary stated that application had been made to have a station recognised at Forres. Mr Gordon of Cluny had also offered observations from two Stations. In these three cases, instruments have been supplied. It was agreed to supply Schedules, but the observations only to be published when the Council can conveniently make arrangements to do so.

Minute of Meeting Council held in Society's Chamber on 15th July 1869.

Present - Mr Milne Home in the Chair
Admiral Sir W. Ramsay
Admiral Sir W. H. Johnston
Dr Sanderson
Dr Baikie
Dr Johnston
Professor Balfour
Mr J Cunningham
Mr H. Stephens
Mr T. Stevenson
Mr R. M. Smith
Mr Buchan, Secretary.

The Minutes of Meeting 18th June, were read and found correct.

It was agreed to appoint Mr R. McKenzie as Honorary Treasurer in room of Mr Gibson resigned. The following was given to Mr McKenzie authorizing him to transact the Society's business with the Union Bank:— see next page.

Mr McKenzie submitted a Statement of the Funds of the Society. Mr McKenzie was empowered to overdraw the Bank account, in order to pay off outstanding debts.

Mr Milne Home read a draft Report from the Council to the Half-Yearly Meeting of the Members of the Society.

It was agreed that a Meeting of Council be held on the 16th at half past one P.M. to finally adjust the Report from the Council to the Meeting, and the Financial Statement to be submitted to the Half-Yearly Meeting.

On the Motion of Mr Henry Stephens, Mr Kenneth McKenzie Chartered Accountant in Edinburgh was appointed Treasurer to the Society in place of Mr Gibson - and was instructed to continue to keep the Society's funds as formerly with the Union Bank of Scotland. Mr McKenzie was authorized to pass drafts on the Bank for such sums as he may require for behoof of the Society - and an Extract of this portion of the Society's Minutes was directed to be sent to the Bank as their warrant for honouring Mr McKenzie drafts.

Minute of Meeting of Council held in Society's Chambers on 17th September 1869.

Present - Mr Milne Home in the Chair,
Dr Keith Johnston
Dr Arthur Mitchell
Mr Cunningham
Mr Henry Stephens
Admiral Sir W. Ramsay
Mr R. M. Smith
Mr Buchan

Apology for absence was received from Dr Sanderson.

The Minutes of last Meeting were read and found correct.

The Chairman, referring to the lamented

~~decease of Mr Archibald Gibson, remarked that it would be in the recollection of the Council that at the Half-yearly General Meeting of the Subscribers of the Society,~~

Minute of Meeting of Council held in Society's Chambers on 16th July 1869.

Present.— Mr Milne Home in the Chair.
Admiral Sir W. Ramsay
Admiral Sir W. H. Johnston
Mr R. M. Smith
Mr T. Stevenson
Dr Baikie
Dr Keith Johnston
Mr R. McKenzie
Mr Buchan

The Minutes of Meeting 15th July were read and found correct.

Mr McKenzie laid before the Council the Financial Statement of the Funds of the Society for the year ending 31st May 1869 which was approved of.

Mr Milne Home read the Report from the Council to be submitted to the Half-Yearly Meeting of the Members, which was approved of.

Minute of Meeting of Council held in Society's Chambers on 17 September 1869.

Present. — Mr Milne Home, in the Chair
Dr Keith Johnston
Dr Arthur Mitchell
Mr Cunningham
Mr Henry Stephens
Admiral Sir W. Ramsay
Mr R. M. Smith
Mr Buchan

Apology for absence was received from Dr Sanderson.

The Minutes of last Meeting were read and found correct.

The Chairman, referring to the lamented decease of Mr Archibald Gibson, remarked that it would be in the recollection of the Council that at the Half-yearly General Meeting of the Subscribers of the Society, held on 17th July last, the Meeting expressed their great obligation to Mr Gibson, who at that time was seriously ill, for his assiduous and successful efforts in furthering the objects of the Society. The Council would now desire to record their sense of the loss which the Society has sustained through Mr Gibson's death, he having for a period of ten years acted as their Honorary Treasurer; and they would also desire to express their deep sympathy with Mrs Gibson in her bereavement. The Council requested Dr ~~Keith~~ Keith Johnston, Honorary Secretary, to forward an Extract from this Minute, together with an Excerpt from the Report of the General Meeting above alluded to, to Mrs Gibson.

Mr Buchan read a Report of his visitation

of the Stations of the Society at Larinda, Balloch Castle, Cardross, Helensburgh, and Greenock, and also the Station at the head of Glencroe, where a rain Gauge is kept. He was directed to continue his visits to the Stations from time to time, as his other duties might admit.

The Chairman suggested the publication in the Society's Journal of an abstract of the Secretary's Report of his visits to the Stations — special mention being made of the attention given to Meteorological observations at Larchfield Academy, Helensburgh.

Mr Milne Home suggested that means should be taken to induce more of the Society's observers to fill up coloured Diagrams from their observations for Exhibition on the walls.

The Chairman proposed that the contents of next No. of the Journal include his address of Whirlwinds, and suggested that Mr Buchan prepare a short notice of the sudden change of Temperature which occurred during the last week of August. The Council sanctioned the insertion of these Papers, and in doing so passed a very hearty vote of thanks to Mr Milne Home for his Paper of Whirlwinds.

The following Gentlemen were unanimously elected Members of the Society, —

Robert H. Scott, Director Met. Dept. Board of Trade recommended by Dr Johnston,

Jasper Bolton, Esqr Ballykisteen, Tipperary, recommended by Mr Symons, London; Henry Budge, Esq C.A. 7 Hill Street; Turnbull Smith Esq. C.A. 7 Hill St. Moncrieff Mitchell, Esq. C.A. Manager the Queen Insurance Company, Glasgow; W. Crawford Esqr 15 Queens Street; Mr McCabe, 15 Queen Street.

Minute of Meeting of Council in Society's Chambers on 27th October 1869.

Present – Mr Milne Home in the Chair
Admiral Sir William Ramsay
Admiral Sir W. Hope Johnstone
Mr Henry Stephens
Mr Cunningham
Mr Stevenson
Dr ~~Bash~~ Baikie and
The Secretary

Apologies were received from Dr Keith Johnston, Mr R. Tennent, Professor Balfour, Professor Crum Brown, and Dr Sanderson.

The Minutes of Meeting of 17th September were read and found correct.

It was agreed that the following appear in the forthcoming No. of the Society's Journal: –

1. Thunder Storms in Scotland during 12 years ending 1868.

2. Extracts from Letters from Mr A. C. Thorlacius on Weather of Iceland during last summer.

It was resolved that a few copies of Vol. II of the Society's Journal which is completed with the forthcoming No. be bound in cloth, and advertised in the Journal to be sold at 10/- the Nos. ~~if~~ when sold separately still be sold at the original published price.

The Secretary was authorised to order additional accommodation for the Society's Books and Papers to be placed in the two windows on the west side of the Council Room.

The following Gentlemen were on the motion of the Chairman unanimously elected

members of the Society:—

Sir George Home, Bart. Inverary (recommended by Mr R. Tennent)

Mr William Brown, Factor, Sydney Lodge Morningside, Edinburgh.

Mr Charles Ross Marten, Martendale, Southland, New Zealand.

Captain William Dalrymple of the Duke of Abercorn.

Mr John E. Poynter, Manufacturing Chemist, Glasgow, recommended by Mr Moncrieff Mitchell C.A. Glasgow.

Minute of Meeting of Council held in Society's Chambers on 23rd February 1870.

Present:– Mr Henry Stephens, in the Chair
Professor Balfour
Professor Crum Brown
Dr Gaikie
Dr Sanderson
Mr T. Stevenson
Mr R. M. Smith
Sir William Ramsay
Mr G. Clerk Arbuthnot
Mr James Cunningham
Rev Dr George Johnston
Mr R. Tennant
Dr Keith Johnston
Mr Kenneth Mackenzie
The Secretary

Apology was received for absence from Dr Mitchell.

The Minutes of Meeting of 27th October 1869 were read and found correct.

S. Jackson Eldridge, Esq., H. M. Consul-General for Syria, the Society's observer at Beyrout, who has forwarded very valuable Meteorological observations to the Society, was unanimously elected a Corresponding Member.

The following were unanimously elected Annual Members of the Society:—

Earl of Airley, Cortachy Castle	£0.. 10.. 0
Alexander Bowie, Esq., Mains of Kelly, Arbroath,	0.. 10.. 0
James Guthrie, Esq., of Craigie, Dundee,	0.. 10.. 6
A. C. Guthrie, Esq., of Duart, Mull,	0.. 10.. 0

Edward Ronalds, Esq., Bonnington Chemical Works, Edinburgh, £ 0..10..0
Alexander Hay Milne, Esq., of Woodhill, 0..10..0
James Jobson Dickson, Esq., C.A. 23, York Place, Edinburgh, 0..10..0
Adam Curror, Esq., The ~~Lud~~ Lee, Edinburgh 0..10..0
Patrick Adams, Esq., S.S.C., 61 Great King Street Edinburgh, 0..10..0
Thomas Slaney, Esq., The Douglas Hotel, Edinburgh, 1..0..0
John Blackwood, Esq., 3 Randolph Crescent, Edinburgh 0..10..0
Graham Binny, Esq., W.S. 37 Albany Street, Edinburgh, 0..10..0
James Webster, Esq., S.S.C. Albany Street, Edinburgh, 0..10..0
George Webster Esq., Advocate, 38 Heriot Row, Edinburgh 0..10..0
John Pringle, Esq., M.D., Late Madras Army, 27 Rutland Square, Edinburgh .. ..
W. J. Menzies, Esq., W.S., Canaan Cottage, Edinburgh .. ..
Roderick A. F. A. Coyne, Esq., C.E. 24 George Street, Edinburgh .. ..

The first 14 of these new Members were recommended by Mr Henry Stephens who had written them and some others personally inviting them to join the Society. A cordial vote of thanks was given to Mr Stephens by the Council.

A donation of £1..0..0 was received from Archibald Turnbull, Esq., Belmont, Perth.

The Council authorized the insertion of

the following Papers in the forthcoming number of the Society's Journal:—

1. On Chemical Climatology.
2. The Rainfall of the South of Scotland
3. Rain Gauges for Ships.
4. Abstracts of Inveresk Meteorological Observations for 1869.
5. Meteorological Returns, with Notes of the Prevailing Weather and State of Vegetation, at the Society's Stations, for the quarter.

Mr Buchan read a report on the State of the Society's Stations at Glasgow, Paisley, Auchendrane House, Girvan and Balliston, which he had visited in December last. He also reported that a Barometer and Maximum and Minimum Thermometers had been safely conveyed to Dunvegan, Skye, thus completing the set of Instruments at this Station, the whole having been supplied by Archibald McDougall, Esq.; and that the services of an Observer had been obtained for the Station at Mowhaugh and that all the instruments for this Station had been sent to Edinburgh and repaired, at the expense of the Duke of Roxburgh. It was agreed that Lairg, Sutherlandshire, and Tilliefoure, Aberdeenshire, be recognised as Stations of the Society.— the Instruments for these places respectively having been furnished by the Duke of Sutherland and Sir James Clerk, Bart.

Mr Thomas Stevenson, C.E., a Member of Council, exhibited an instrument which he had devised for observing the temperat

of the rain at the time of its falling, as compared with that of the air.

Mr Henry Stephens presented to the Society a curious old wood engraving framed, of the Fair held on the Thames during the great frost of February 1814.

A Letter was read from Mr Scott regarding the obtaining of observations from 12 of the Society's stations for the Meteorological Office in London. Professor Balfour, Rev Dr Johnston Dr Keith Johnston, ~~and~~ Mr T. Stevenson, Mr R. M. Smith and Mr James Cunningham took part in the conversation. It was agreed that the Council should not allow the Meteorological Committee to have any direct communication with the Society's Observers; but that the Council should endeavour to furnish the information required, it being understood that all the information was to be obtained by the Meteorological Committee direct from the Society. Mr Stevenson was ~~requested~~ requisted to frame a reply to Mr Scott's letter, in terms of the opinion expressed by the Council, with Dr Keith Johnston and Mr Buchan as a Committee.

It was agreed to defer the nomination of the three new Members of Council to next Meeting of Council.

Minutes of Meeting of Council held in Society's Chambers, 5th March 1870.

Present:— Mr Milne Home, in the Chair
Dr Keith Johnston
Dr Arthur Mitchell
Mr T. Stevenson
Mr R. ~~[illegible]~~ Tennent
Sir William Ramsay
Dr Baikie
Sir W. Hope Johnston
Mr James Cunningham
Mr Kenneth McKenzie, Hon. Treasurer
Mr A. Buchan.

Apologies for Absence were received from Mr R. M. Smith, and Professor Balfour.

The Minutes of Meeting of 23rd February were read and found correct.

It was agreed that Dr Baikie and Mr A. Mitchell, and Mr Stevenson be the three who retire from the Council at this time, and Mr T. Stevenson, Mr W. Thomson, Manager of the Standard Insurance Company, and Dr William Robertson, Albany Street be proposed to the General Meeting for election as Members of Council.

It was also agreed to propose that Dr Arthur Mitchell be Convener of the Medico-Climatological Committee.

It was agreed that the subjects to be brought before the General Meeting be (1) "Recent Observations in connection with the Gulf Stream" by Dr Keith Johnston, and (2) the cold weather of May 1869 by the Meteorological Secretary.— Mr Milne Home agreed to give

a short notice of the first year's Results of the Self Recording Instruments established by the Meteorological Committee of the Board of Trade, provided they be published before the Meeting; together with other recent Meteorological information.

It was agreed that the General Meeting be held on Wednesday the 23^d inst at 2 P.M. in the Craigie Hall, 5 St Andrew Sqr.

Mr Milne Home stated that when in London, he had called on Sir Edward Sabine F.R.S., with reference to the letter which had been received from the Met. Committee requesting to be put into direct communication with 12 of the Society's observers, when he took occasion to refer to financial matters. In the course of the conversation Sir Edward remarked that in his opinion the Society was entitled to an Annual Grant from Government of at least £300 and suggested that the Council should now apply to Government for a Grant.

A proposed Memorial was read which was generally approved of, and it was remitted to Mr Milne Home finally to adjust it, and after being signed by the Marquis of Tweeddale as President of the Council, to dispatch it to Professor Lyon Playfair who had agreed to present it to the Board of Trade.

A proposed reply to the Letter of application of the Meteorological Committee was read, —

A Committee consisting of Mr Home Dr A Keith Johnston, Mr Stevenson and Mr

Mr Cunningham was appointed to readjust this letter in accordance with the opinion expressed by the Council, the letter thereafter to be forwarded by Mr Stevenson. It was also remitted to this Committee to prepare a statement of the Funds of the Society for the information of the Board of Trade, together with a statement shewing how the Grant from Government might be expended.

Dr Warburton Begbie, Captain Ayton, R.A., and the Rev Mr McHardie were unanimously elected Members of the Society.

Minute of Meeting of Council of the Scottish Meteorological Society, held in 5 St. Andrew Sqr., on 23d March 1870.

Present:– Mr Henry Stephens in the chair
Dr Keith Johnston
Dr Arthur Mitchell
Dr Baikie
Dr Sanderson
Rev Dr George Johnston
Sir William Ramsay
Sir William Hope Johnston
Mr R. Tennent
Mr James Cunningham
Mr R. M. Smyth
Mr Kenneth McKenzie
Mr Alexander Buchan

The Minutes of 5th March were read and found correct.

Dr Keith Johnston read a letter from

the Marquess of Tweeddale in which his Lordships ~~stated~~ intimated that he could not be present at the General Meeting and also a letter from Mr Milne Home expressing his regret that he was unable from illness to be present at the General Meeting.

In the absence of the President and the Chairman of the Council, the Council requested Sir William Ramsay to take the Chair at the General Meeting.

A Draft of the Half-Yearly Report of the Council to the General Meeting was read and approved of.

Dr Keith Johnston read a letter from Mr Scott, with reference to the observations of Wind and weather from 12 of the Society's Stations which the Council had intimated their readiness to send copies of to the Meteorological Committee of the Board of Trade. It was agreed to call an early Meeting of Council to prepare a reply to this letter.

Minute of Meeting of Council of the Scottish Meteorological Society, held on 28th March 1870.

Present:– Mr Milne Home Chairman
Admiral Sir William Ramsay
Mr Thomas Stevenson
Dr Keith Johnston
Mr George Clerk Arbuthnot.
Mr Henry Stephens

Dr Sanderson
Mr R. M. Smith
Mr Robert Tennent
Mr James Cunningham
Mr William Thomas Thomson
Dr Arthur Mitchell
Mr Buchan Secretary

The Minutes of Meetings of 5th and 23d March were read and found correct.

Mr Scott's letter dated Meteorological Office, London, March 22d 1870, having been read, the Council before instructing Mr Buchan to proceed with the filling in of the schedules which had been forwarded from the Meteorological Office, resolved, with the view of preventing any misunderstanding between the Meteorological Committee and the Council, to propose the following as the basis of agreement, —

1. That, the Meteorological Committee forward the Schedules to be filled up to the Society's Office, stating the data from which the extracts of observations are to be made.

2. That, the Extracts of observations be made, or verified, by the Society's Secretary under direction of the Council, and be then forwarded by him to London,

3. That, in the event of the Meteorological Committee requiring any explanations of the Observations sent they shall apply to the Council for such information.

4. That, no direct communication shall take place between the Meteorological Committee and the Society's Observers.

The Council resolved that this Extract

be sent to Mr Scott, Meteorological Committee, London, with a request that he lay it before the Meteorological Committee, and ask them to authorize him to send an official answer.

It was intimated that as Mr Walker the Observer at Castle Newe was about to remove to America, the observations at this Station would cease in the end of this month. The Secretary was instructed to write Mr Walker and convey to him the cordial thanks of the Council for the services he has rendered to the Society, and enquire if he could aid the Society in securing a successor.

Applications for exchange of Publications made by the Imperial Geographical Society of St Petersburg, Russia, and the Edinburgh ~~Geog~~ Geological Society, were laid before the Council. The Council agreed to the exchange of Publications with these Societies.

The Secretary proposed the following subjects for investigation for the next or succeeding Nos of the Journal, which were agreed to, viz.

1. A Paper on the Gulf Stream by Dr Keith Johnston and Mr Buchan.

2. Annual Table of Observations connected with the Return of the Seasons.

3. Climate of Somerset, Cape York, Australia.

4. Notice of Matter of May 1869.

5: Rainfall of Scotland (Second article)

Mr Milne Home stated that when in the South of Europe last winter, his attention had been directed to the effects of forests on climate, particularly on the Rainfall and

and Springs of Water; and that he had collected some information on this subject which might might form a suitable Article for the Journal. The Council gladly accepted this offer of Mr Home.

The Council granted leave of absence to Mr Buchan for three weeks, his medical adviser having informed him that the state of his health required that he take rest in the Country for that time.

Minute of Meeting of the Council of the Scottish Meteorological Society, held on 26 May 1870.

Present — Dr Milne Home
Mr R. M. Smith
Mr T. Stevenson
Mr R. McKenzie
Mr R. Tennent
Mr Buchan

Apologies for Absence were received from Mr Henry Stephens, and Mr James Cunningham.

The Minutes of Meeting of ~~28 March~~ 26 April were read and found correct.

The Council authorized the insertion of the

Minute of Meeting of Council held on 26th April 1870.

Present Mr. D. Milne Home in the chair
" Thomas Stevenson
Sir William Ramsay
Sir William Hope Johnston
Dr. Robertson
Mr. H. Stephens
" R. M. Smith
Professor Balfour
Mr. Cunningham
Mr. Tennent and
Dr. A. K. Johnston

Letters ~~for~~ dated 6th April 1870 were read from the Board of Trade and Dr. Lyon Playfair, and it was resolved to write to the Board of Trade ~~complying~~ intimating the compliance of the Council with their proposal; and Dr. Keith Johnston was requested to write Dr. Lyon Playfair.

A letter was read from the Meteorological Committee dated 5th April 1870, containing an Excerpt from the Minutes of their Meeting of 4th April 1870 with reference to the proposed basis of agreement in terms of the Minute of Meeting of Council dated 28 March 1870. A Committee consisting of the Chairman, Mr Stevenson, Mr. R. M. Smith, Admiral Sir William Hope Johnston, and Admiral Sir William Ramsay was appointed to prepare the Minute which it was proposed to send to the Meteorological Committee.

This Minute is on separate sheet

followed in which Dr Milne Home, Mr R M Smith and Mr Stevenson took part. It was agreed that no

following Papers in the forthcoming Number of the Society's Journal.—

1. Report from the Council to the half-yearly General Meeting.

2. Suggestions for increasing the supply of Spring-Water at Malta, and improving the Climate of the Island.

3. Observations of Crops, Trees, Birds, Etc: connected with the Periodical Return of the Season in Scotland for the year 1869.

4. Notes on the Weather in Ireland, Cyprus, and Syria during the past winter (1869-70)

5. Meteorological Returns, with Notes on the Prevailing Weather and State of Vegetation at the Society's Stations for the quarter.

With reference to a Station at Leith regarding which several inquiries had been made by the Registrar General since the observations ceased to be made in January 1869, it was stated by Mr R. M. Smith that Mr Paterson of Restalrig Park had kindly agreed to have observations made for the Society provided he was furnished with the Instruments. The Council agreed to supply the requisite Instruments, viz: a Barometer, a Maximum and Minimum Thermometer, a box for the Thermometers, and a Rain-guage: and the Secretary was directed to superintend the placing of the Instruments, and assist the observer in beginning the observations.

A letter was read from Dr Keith Johnston with reference to the Council's application for an ~~[illegible]~~ Annual Grant from Government; a discussion followed in which Dr Milne Home, Mr R. M. Smith and Mr Stevenson took part. It was agreed that no

steps be taken in the mean time, but that a meeting of Council be called after Dr Johnston's return from London, when the Council should decide what course should be adopted with reference to this Grant.

It was unanimously agreed on the motion of the Chairman, that the Earl of Glasgow be elected a Member of the Society.

A conversation took place regarding the arrangement of the Books and Pamphlets in the Society.

Minute of Meeting of the Council of the Scottish Meteorological Society, held on 14th June 1870

Present: Dr Milne Home
Sir W. Ramsay
Sir W. Hope Johnston
Dr Johnston
Mr R. M. Smith
Mr Henry Stephens
Mr Buchan

Apology for absence was received from Professor Balfour, Dr Arthur Mitchell, and Mr R. Tennent.

The Minutes of Meeting of 26 May were read and found correct.

A letter from Mr Scott, Meteorological Office, was read, intimating that the Meteorologic Committee declined to recommend to the Board of Trade that any portion of the Annual Grant

of £10.000 be given to the Society.

The Council resumed consideration of the application to Her Majesty's Government for an Annual Grant. Dr Keith Johnston, the Honorary Secretary, reported that having been in London lately, he, along with Mr Lyon Playfair, M.P., had interviews with General Sir Edward Sabine, the Chairman, and Mr R. Scott, the Director of the Royal Society Committee and that he had called the attention of these Gentleman to the suggestion of the Board of Trade, that the Society should apply to the Committee for a portion of their Annual Grant of £10.000, as some remuneration for services ~~of~~ which are of a public nature, and of great importance. He added, that whilst these Gentlemen admitted that the Society was entitled to aid from the Government, they said that the Royal Society Committee had nothing to give, the £10.000 grant annually voted by Parliament being found inadequate for the purposes to which it was applicable; but that the Committee would be happy to apply to the Society for copies of Returns from some of their Stations on the occasion of storms occurring.

The remuneration offered for such Returns, in the opinion of Mr Scott, Mr Buchan, and Dr Keith Johnston, would not amount to more than £5 annually and would be merely payment for extra work which would have to be done by a clerk employed by the Society for that purpose. It might be an advantage to the Royal Society Committee to obtain these Returns, but the giving of them would afford no aid to the Scottish Meteorological Society.

The Council having ~~giving~~ given consideration

to these statements, agreed that the failure of their negotiations with the Royal Society Committee should be reported to the Board of Trade and to the Treasury, with the view of asking both bodies to concur ~~both~~ in recommending a Special Annual Grant to the Society.

With this view, the Council appointed a Committee, with Mr Thomas Stevenson, C.E., Convener, to draw up a statement of the Society's Claims, in order that copies thereof may be submitted to Her Majesty's Government, the Scientific Commission, and Members of Parliament.

The Council then considered what should be done in further prosecution of the Society's claim on Government for an Annual Grant. Some discussion took place on the subject, after which it was agreed a Committee be appointed to draw up a brief statement of the Society's claim on the Government, stating also at the same time the result of the application made by the Society to the Board of Trade and the Meteorological Committee; and that this statement be forwarded to H. M. Board of Trade, the Treasury, ~~the~~ the Royal Scientific ~~Committee~~ Commission the Scottish Members of Parliament and others. The following are the names of the Committee:— Mr T. Stevenson, Convener, Dr Milne Home, Dr Keith Johnston, Sir William Ramsay, Dr Arthur Mitchell and Mr R. M. Smith.

It was agreed that the General Meeting of the Society be held sometime about the Middle of July, and that the Secretary prepare a Paper on the Temperature of the British Islands illustrated

with Charts of Isothermals for the different months.

Minute of Meeting of Council held in 5 St Andrew Sq. on 21st July 1870.

Present:- Dr Milne Home, Chairman
Mr R. M. Smith
Mr Cunningham
Mr W. J. Thomson
Mr Kenneth McKenzie
Dr Keith Johnston
Mr Buchan

The Minutes of Meeting of 14th June were read and found correct.

The Chairman read draft Report of Council to the General Meeting which was approved of. Mr McKenzie submitted Statement of the Society's Accounts for the year ending 31st May 1870 which was approved of.

Minute of Council held in the Society's Chambers, 8th September 1870.

Present:- Dr Milne Home in the Chair
Sir William Ramsay
Mr T. Stevenson
Professor Balfour
Rev. Dr George Johnston
Dr Mitchell
Mr Buchan

Letters of apology were received from Dr Keith Johnston, and Mr R. Tennent.

The Minutes of Meeting of Council held on 14th June and 21st July were read found correct.

The Chairman made a verbal report regarding the Statement of the Society's Claim for an Annual Grant from Government, and read letters from Dr Lyon Playfair M.P. and Colonel Sykes M.P. with reference to what took place when the Grant of £10.000 for Meteorological purposes came before Parliament. Copies of the Statement had been sent to each Scotch Member of Parliament, to several English Members and others as appeared likely to further the Society's Claim, and Dr Home wrote to a considerable number of Members of Parliament soliciting their cooperation and assistance. The result was that the Society's Claim was laid before the Royal Scientific Committee.

Leave of Absence was given to Mr Buchan to enable him to go to the Meeting of the British Association at Liverpool.

The Council authorized the insertion of the following Papers in the forthcoming Number of the Society's Journal:—

1. Extract Letter on Weather of last Summer in Iceland.

2. The Rainfall of Scotland (Second Notice) by the Secretary.

3. On Meteorological Gradients, by Thomas Stevenson, Esq., C.E.

4. Proposed Method of ascertaining the Temperature of Falling Rain, by Thos. Stevenson, Esq., C.E.

5. Proposed New Maximum and Minimum Thermometer, by William Macdougall, Esq., C.E.

6. Notice of two Sudden Falls of Temperature, as re-

corded by the Marquis of Tweeddale's Self-Registering Meteorological Apparatus.

7. Meteorological Returns, with Notes of the Prevailing Weather and State of Vegetation at the Society's Stations, for the Quarter.

Mr Buchan read a Report on the State of the Society's Stations at Eyemouth, Milne Graden, Marchmont, and Galashiels, which he had inspected in August last. The Report was approved of, and he was directed to continue his visits to the Stations from time to time, as his other duties might admit.

Dr Arthur Mitchell reported that complete sets of Instruments had been procured for the Lunatic Asylum, Cupar, Fifeshire, and that observations had been begun to be made. He recommended that this be recognised as one of the Society's Stations. This was agreed to by the Council.

It was resolved ~~that the~~ subjects for investigation by the Secretary for next number of the Journal be (1) The Temperature of the British Islands for the Months and for the Year; (2) The Temperature of the Sea between Scotland, Faro, and Iceland.

The following gentlemen were unanimously elected Members of the Society:—

Life Member.

W. M. Parker, Esq., Engineer, Warren Corner, Near Farnham, Surrey. £ 15.15.—

Ordinary Members.

Robert Lewis Stevenson, Esq., 17 Heriot Row, Edinburgh. £ –.10.—

Patrick Dalmahoy, Esq., W.S., Bowerhouse, Dunbar £ 1.–.–

James Stevenson, Esq., 4 Woodside Crescent, Glasgow £ 1.–10.—

Dr J. Inglaby Mackenzie Belgrave, Sidmouth £ –.10.—

Minute of Meeting of Council held in Society's Chambers, on 28th October 1870.

Present:– Sir William Ramsay in the Chair.

Dr Keith Johnston
Dr Arthur Mitchell
Mr T. Stevenson
Dr Sanderson
Mr Tennent
Mr Stephens
Mr Buchan

Letters of ~~[illegible]~~ Apology were read from Professor Balfour, Mr W. T. Thomson, and Mr R. M. Smith.

It was stated that Mr W. T. Thomson in course of applying to Insurance Cos for an Annual

from these Bodies subscription, and with reference to other applications ~~from the Bodies~~ desired to be put in possession of certain facts regarding the Society's income. It was accordingly resolved to appoint a Finance Committee to co-operate with the Honorary Treasurer in this matter. The Committee to consist of Admiral Sir William Ramsay, Mr R. M. Smith, Mr W. T. Thomson, Mr Thomas Stevenson Mr R. Tennent, with Dr Sanderson as Convener.

The Secretary was directed to apply to Mr McKenzie the Hon. Treasurer for the information as asked for by Mr Thomson, viz.—

1st The particulars of the Annual Subscriptions and Arrears, realized during the year 1869-70, amounting as per Printed Abstract of Accounts furnished by the Treasurer to £353..1..6.

2nd A list of persons (as nearly as possible) who have contributed as Annual Subscribers to the Funds of the Society, but who have resigned or discontinued

payment. the names of those persons to be given who have contributed one or more years subscriptions since 1863-4 when Mr Gibson prepared the list of Members which was published in the Society's Journal, New Series, Vol: I pages 45 to 49.

3. A list of the Life Members of the Society as at present.

4. A list of persons who are only one year in arrear."

The Secretary read a report on Thurston Station which he had visited, and on the Station at Leith at which the Instruments supplied by the Society had been put in position, and the observations begun.

He also reported that the observer who had been obtained for Girvan in December last had discontinued the observations; but that he had learned that the Rev. Mr Stilly of the U. P. Church, there, might be willing to undertake the observations. The Secretary was instructed to communicate with Mr Stilly and take such steps as might bring about the resumption of the observations at this Station; and report to next Meeting of Council.

An offer of Mr H. G. Murray Stewart of Broughton to erect a New Station at Cally, Kirkcudbrightshire, was laid before the Council, Mr Stewart bearing the ~~exp~~ expense of the Instruments. The Council unanimously agreed to accept this offer, Cally being in a district at a considerable distance from any of the Society's present Stations, and the Secretary was instructed to make the necessary arrangements.

A letter was read signed by Mr H. M. Jenkins as Secretary of the Royal Agricultural Society of England asking for information respecting what document the Society has issued shewing the

peculiarities of Climate in different parts of Scotland and in 1869 as compared with previous years. Mr Buchan read a reply which he proposed to send; this reply the Council approved of and Mr Buchan was directed to forward it to Mr Jenkins.

It was agreed that the Secretary should in terms of Mr Stephens suggestion made some time ago, prepare a Report on the weather of 1870 having special reference to the yield of the crops of the same year in different districts of Scotland. With reference to this subject, the Secretary stated that he had some conversation with Mr ~~McKenzie~~ Menzies Secretary of the Highland and Agri: Society of Scotland who kindly offered to give all assistance in his power towards procuring from different districts information regarding the different crops of 1870. Mr Stephens was requested to give the Secretary some assistance in drawing up the queries intended to be sent in getting the information required.

Mr Buchan was instructed to communicate with the Board of Northern Lighthouses regarding the Meteorological observations made at the Lighthouses at present with the view of bringing about an improvement in the quality of the observations so that they may become available in discussions of British Meteorology.

Rev Joseph Taylor Goodsir was on the motion of the Chairman elected a member of the Society.

Minute of Meeting of Council held in Society's Chambers on 28th Dec. 1870.

Present.- Dr Milne Home in the Chair,
Dr R. Johnston
Mr Stephens
Mr R. Tennent
Dr Sanderson
Dr A. Mitchell
Mr R. M. Smith
Mr T. Stevenson
Mr W. T. Thomson
Mr R. McKenzie
Mr Buchan

Letters of apology for absence ~~was~~ were received from Professor Balfour and Mr Cunningham

The Minutes of Meeting of 28th Oct. were read and found correct.

Mr Buchan reported that Mr Anderson had agreed to observe at Girvan and that the instruments had been conveyed to his residence except the Barometer which was under repair;— that observations had been begun at Cally with a set of instruments which had been ~~begun~~ examined by him;- that the Anemometer from the Society had arrived safely at Stykkisholm; and that the resumption of the observations at Mowhaugh which had been delayed owing to the illness of the observer, would be begun begun with the 1st of January prox.

Dr Sanderson convener gave a verbal report of what had been done by the Finance Committee, and the Minutes of the Meetings were of the Committee were read. The following Lists ~~were~~ prepared by the Committee were laid before the Meeting:—

1. List of Members not in arrear at this date
2. List of Members in arrear
3. List of Members who have been dropped out of the Membership
4. List of Resignations since January 1864
5 List of Deaths since January 1864.

Three Circulars prepared by the Committee were considered; and it was resolved to remit the whole matter to the Finance Committee to do what might seem best in the circumstances of the case.

^It was agreed that in future the Journals be dispatched from the Office

It was proposed to recommend to the General Meeting Mr James Gleisher of the Royal Observatory, Greenwich, and Dr Balfour Stewart, Owens College Manchester, be elected Honorary Members of the Society. Mr Hutchison of Carlowrie and one or two others were mentioned as suitable to be recommended for election in the Council to the General Meeting, but Mr Buchan was directed to consult with Members of Council with reference to this matter and ~~to~~ report to next Meeting of Council to be held before the General Meeting.

It was agreed that the next Number of Journal be a double one, to contain 16 pages fewer ~~than~~ than two full Numbers, but to contain instead 13 isothermals Charts of the British ~~B~~ Isles to illustrate Mr Buchan's Paper on the Temperature of the British Isles. It was also agreed that an abstract of Mr Tennent's Meteorological Notes of a Trip to Faro by Mr Robert Tennent ~~appear in this Number~~ and a Paper on Instruments for Ascertaining the Mean Temperature by Mr Thomas Stevenson, C.E., appear in this Number.

The Chairman reported that he had received

from Sir Patrick Grant, Governor of Malta, intimation of the steps which had been taken by the formation of plantations in the island, as recommended in a paper published in the April number of the Society's ~~Jounal~~ Journal; the object of the paper being to shew that plantations would increase the water supply of the island and ameliorate its climate. Government Commissioners, being men of science resident in the island, had been appointed to report on the scheme; and as their report was entirely favourable, the Governor had submitted to the Legislative Council a proposition for expending the sum of £600 annually during a period of ten years to carry out the scheme. His Excellency expressed a hope that the proposition would be adopted, adding that if the scheme proved successful, the originator of it "will be one of Malta's chiefest benefactors". The Council expressed their unqualified satisfaction with this information. It was agreed that the general meeting of the Society, for the election of office-bearers, &c., should be held on 25 January.

It was agreed that the following Papers be read at the General Meeting:—

1. Recent Meteorological Intelligence. By D. Milne Home of Wedderburn, LL.D.

2. Meteorological Notes of a Trip to Farö in August 1870. By Robert Tennant.

3. Instruments Proposed for Ascertaining the Mean Temperature. By Thomas Stevenson, C.E.

[Margin note: It was agreed that St Andrews be sanctioned as one of the Society's Stations — Mr. T. S. Purdie agreeing to furnish the Instruments —]

The following gentlemen were on the motion of the Chairman unanimously elected Members of the Society:

Thomas Purdie, Esq., St Andrews — £1.. 1.. 0

J. Batty Tuke, Esq., M.D. Fife and Kinross Dist. Lunatic Asylum Cupar. — £.. 10.. –

W. French Morison Esq., M.D. Fife and Kinross Dist.

Lunatic Asylum £ .. 10 ..
J Young Esq. of Kelly
Walter B. Blaikie, Esq.,
£ .. 10 ..

~~It was agreed that in future the Journals be dispatched~~

Minute of Meeting of Council held in Society's Chambers on 25th January 1871.
Present Dr. Milne Home in the chair

Mr. T. T. Thomson,
Dr. K. Johnston
Mr. R. Tennent
" R. M. Smith
" T. Stevenson,
Dr. Sanderson,
Mr. Henry Stephens,
Sir W. Hope Johnston
Mr. K. McKenzie,
Sir William Ramsay,
Dr. Arthur Mitchell,
Mr. James Cunningham
Mr. P. McLagan, M.P. (by invitation)
Mr. Buchan.

The Minutes of Meeting of 28 Dec 1870 were read and found correct.

Mr. Milne Home read ~~Report~~ draft Report of Council to the General Meeting. The ~~Ths~~ Report was approved of unanimously.

Mr. McLagan agreed to move the adoption of the Report at the General Meeting, and speak of the Society's claims for a Grant from Government.

It was agreed that Mr. H. Stephens, Mr. G. C. Arbuthnot, and Rev. Dr. G. Johnston be the three ~~fo~~ who retire from the

Council; and that Mr. Stephens, re-elected Mr. R. Hutchison of Carlowrie and Mr. A. Geikie F.R.S.L.&E be recommended as New Members of Council.

The following were on the motion of the Chairman unanimously elected Members of the Society.

Frank Henderson, Esq., Leather Merchant, Dundee	21/-
~~Geo~~ Gershom Gourlay, Esq., Shipbuilder, Dundee	10/6
Arch. Geikie, Esq., F.R.S.S.L.&E, Director of the Geological Survey for Scotland	21/-
The Meteorological Society of Bournemouth	10/-
The Scottish Union Insurance Co.	£2..2..-
The Scottish Provident do	2..2..-
The Edinburgh do	2..2..-
The National do	2..2..-
The Life Association of Scotland	2..2..-
The Scottish Equitable Insurance Co.	3..3
The Standard do	3..3

It was agreed that the Council meet half twenty minutes before the General Meeting to finally adjust the Report.

~~Minute of~~

Minute of Meeting of Council held in 5 St Andrew Square on 26th January 1871.

Present the Marquis of Tweeddale in the Chair

Dr. D. Milne Home,
Sir William Hope Johnstone
Sir William Ramsay
Dr. Keith Johnstone
Dr. James Sanderson

Dr. Arthur Mitchell,
Mr. R. Tennent
" T. Stevenson
" R. M. Smith.
" Henry Stephens,
Professor Balfour
Mr. James Cunningham
Mr. W. T. Thomson
Dr. W. Robertson,
Mr. K. McKenzie
" A. Buchan

The Minutes of Meeting of 25th inst. were read and found.

On the motion of Dr. K. Johnston, the thanks of the Council was given to Mr. W. T. Thomson for the great service he has rendered the Society in bringing its claims before the Insurance companies — seven of these companies having thereby become Annual Subscribers to the Society. (Draft)

The Report from the Council to the General Meeting, prepared by the Chairman was approved of.

Minute of Meeting of Council held in Society's Chambers on 12th April 1871.

Present ~~Dr~~ Milne Home in the chair
Sir William Ramsay
Sir William Hope Johnston
Dr. Keith Johnston
Dr. Sanderson
Mr. Henry Stephens,
" Stevenson
" Hutchison and Mr. Buchan

Apologies for absence were received from Professor Balfour, Dr. Robertson, Mr. J. Cunningham, Mr. R. M. Smith, Mr. R. Tennent, and Mr. M'Kenzie.

The Minutes of last two Meetings were read and found correct.

A Proof sheet of a Form for collecting Agricultural ~~Statis~~ Statistics of 1870 was laid on the Table, and a relative Extract of Minute of Meeting of Council dated 28th October 1870, was read. The Chairman did not think that the subject was ~~one~~ a suitable one to be taken up ~~by the~~ Scottish Meteorological Society, the Statistics, ~~to be collected being too vague being merely opinions~~ proposed to be collected being mere opinions, and altogether of too vague a character. A conversation followed in which those present generally took part, ~~and~~ after which it was agreed to remit the question to Mr. Stephens who would communicate the views of the Council to Mr. Menzies of the Highland and Agricultural Society, with the view of altering the circular into accordance with these views.

Dr. Sanderson made a statement regarding the present state of the Society's Finances, from which it appeared that £308..10..6 had been collected & that ~~about £ 127~~ £127 still remained due of which about £50 ~~was~~ was outstanding by the Edinburgh Members. The Finance Committee were empowered to employ a collector to wait on the Edinburgh Members for their Subscriptions.

The following gentlemen were on ~~the~~ motion of the Chairman duly ~~ele~~ elected

Members of the Society:-

Mr. John Parker, Inland Revenue recommended by Dr. Keith Johnston 21/

" J. W. McDougal, Ochil, " Mr. Millar M.P. 21/

" P. Jaysen, Leith " T. R. M. Smith 21/

Dr. Spencer Thomson, Torquay " " W. T. Thomson 10/6

Mr. Water Owens, Galashiels 10/6

" George Romanes, C.E. Edin. 10/-

Minute of Meeting of Council held in Society's Chambers on 22nd May 1871.

Present Dr. Milne Home, in the Chair
Dr. A. Mitchell,
" Sanderson
Sir William Ramsay
Mr. Cunningham
" T. Stevenson,
" H. Stephens,
" R. Tennent,
" Buchan,

The Minutes of ~~last~~ Meeting of Council held on 12 April 1871 were read and found correct.

Apology for Absence was received from Mr. W. T. Thomson.

The Council authorized the insertion of the following in the forthcoming No of the Society's Journals:—

1 Notes of a Trip to Faro by Mr. R. Tennent.

2 Sea Temperatures round Scotland, Faro and Iceland.

3 Letter from Dr. Wojeikof, St Petersburg.

4 Communication regarding the number of Burials during 108 years, at Wetteris, by Mr. James Gibb

5 Meteorological Register of Inveresk for 1870

6 Table of Observations connected with the Return of the Seasons.

7 Meteorological Notes of the Quarter.

Dr. Sanderson, Convener of the Finance Committee having reported the steps taken by the Council to ascertain the State of the Society's Funds and Accounts, the Council resolved that it was ~~inexpedient~~ expedient to appoint a new Honorary Treasurer and to intimate to Mr. McKenzie their wish that he would be so good as to facilitate this arrangement, and for that purpose to meet a Sub Committee consisting of the Chairman, Mr. Cunningham and Mr. Buchan at 10 York Place on Thursday first at 10 A.M. In making this change the Council desire to acknowledge, with thanks, Mr. McKenzie's services to the Society.

The Secretary was instructed to send an Extract of this Minute to Mr. McKenzie

~~Dr. Mitchell was requested by the Council~~

A chart prepared by Dr. Haviland, ~~was exhibited to the Meeting~~ shewing the Distribution of Heart Disease and Dropsy in England, was exhibited to the Meeting. Dr. Mitchell was requested by the Council to examine this chart with the accompanying Memoir, with the view of bringing the subject before the General Meeting, if on examination it seemed suitable.

Mr. Buchan was instructed to prepare a Map of the Rainfall of Scotland with the view of bringing the subject before the General Meeting.

~~The following~~ It was agreed that the

following be recognised as Stations of the Society, the Instruments having been in each case provided by the Observers:—

Milltown, Rothiemay, Huntly, Charles Pirrie,
" Logie, Coldstone, Aberdeenshire, Rev. Davidson
Tarland do. Frith.

The Secretary intimated that the observations at Belford Hospital, which have been interrupted for sometime will be again resumed.

The following were on the motion of the Chairman unanimously elected Members of the Society:—

William O. Dalgleish, Esq. Merchant, Dundee 21/.
recommended by O. G. Miller, Esq.
Charles Clark, Esq. Westfield Cottage, Dundee
recommended by W. Dow, Esq.
G. A. Cox, Esq. Camperdown Linen Works, Lochee, Dundee 21/.
recommended do.
John Laing, Pitkerro, Dundee,
recommended by Col. Sandemann
Dr. Saylor, R.N., H.M.S. Black Prince, 10/6
recommended by Mr. James Anderson, Greenock
James Graham, Esq. Stobhouse 10/6
recommended by Dr. James Bryce.

Minute of Meeting of Council held in Society's Chambers on 29 May 1871.

Present:— Dr Milne Home in the Chair
Sir William Ramsay
Dr Mitchell
Mr Stephens
Mr Tennant
Mr Cunningham

Mr R. M. Smith
Dr Robertson   Professor Balfour
Mr Buchan

Apologies for Absense were received from Mr W. T Thomson, and Mr Stevenson.

The Minutes of Last Meeting were read and found correct.

The Council having had read to them the correspondence between Mr Buchan and Mr McKenzie and also the Minute of Meeting of Sub-Committee relating to this Matter resolved to offer the appointment of Honorary Treasurer to Mr James Cunningham, and Mr Cunningham being present was good enough to say that he had no objections to accept the appointment in the meantime though it might not be in his power to hold it ~~permanently~~ permanently.

The Council direct Copy of the foregoing part of the Minute to be sent to Mr McKenzie by Mr Buchan, and that he should be informed that Mr Cunningham would be ready to receive any Accounts, Books or Papers which Mr McKenzie may be in possession of belonging to the Society on Wednesday or Thursday next at 50 Queen St at any hour Mr McKenzie may appoint

The Council further resolved in the event of Mr Cunningham finding it would not be convenient to continue to hold the Office, to appoint Dr Sanderson to be his successor in the Office, Dr Sanderson having expressed to the Chairman ~~his wish~~ his willingness to ~~accept~~ accept the appointment of Honorary Treasurer

On receiving the Accounts from Mr McKenzie Mr Cunningham or Dr Sanderson his successor was ~~authorised~~ directed to keep the Society's Funds as formerly, and he was authorized to pass drafts on the

Bank for such sums as he may require for behoof of the Society.

It was remitted to the Finance Committee to examine the Books and Accounts and to prepare a Financial Statement for the General Meeting and to audit the Accounts.

It was agreed that the General Meeting of the Society be held during the first week of July ~~it being left~~

The following were elected unanimously Members of the Society:—

Lord Lindsay, recommended by Yeates, Esq, Aberdeen

Dr. Sibbald, Deputy Com. in Lunacy, recommended by Dr A Mitchell.

Meeting of Council 4th July 1871.

Present:- Dr Milne Home, in the Chair
Sir William Ramsay
Dr Sanderson
Mr H. Stephens
" Buchan

Apologies for absence were received from Prof. Balfour, Dr Mitchell, and Mr W. T. Thomson.

The Minutes of Meeting of Council held on 29th May 1871 were read and found Correct.

The Secretary stated that Mr Cunningham could not be present as he had gone to the country, and that as he was unable to continue to hold the Office longer, he had handed over to the Secretary the Books and Papers which he had received from Mr McKenzie, of these Mr Buchan read the Inventory a Copy of that which had been given to Mr McKenzie and signed by Mr Cunningham. In consequence of Mr Cunningham's resignation the Council requested Dr Sanderson to take Mr Cunningham's place as Hon. Treasurer and it was agreed in the mean time to keep the aforesaid Books and Papers in the Society's Office. Dr Sanderson being present acceded to the request of the Council.

The Council also requested Mr Buchan to to intimate to the Union Bank that the Funds lodged there belonging to the Society will be entered in an account in the name of Dr Sanderson who is now the Hon. Treasurer and is authorized to pass Drafts on the Bank for such sums as he may require for behoof of the Society.

Dr Sanderson, Convener of Finance Committee made a Report regarding the Society's Accounts, and

submitted a State of the accounts for the year ending 31st May last which had been prepared by Mr. McKenzie and audited by Mr W. T. Thomson, and Mr R. M. Smith and passed by them. Dr Sanderson was requested to close accounts with Mr McKenzie and pay all accounts due by the Society.

Mr Buchan read a report of the Society's Stations at Nookton, Balfour, East Linton, Smeaton, Inveresk, and Edinburgh, which he had visited.

It was agreed to sanction Sidmouth as a Station of the Society in connection with Medico-Climatological Committee. It was intimated by the Secretary, that the Rev. S. O. Pálsson, the Observer at Reykjavik, Iceland, was removing to another part of the Island; and that Mr R. M. Smith had kindly agreed to communicate with Dr Hjaltalin, Reykjavik with the view of securing a successor to Mr Pálsson.

The following gentlemen on, the motion of the Chairman, were unanimously elected Members of the Society. —

G. H. M. Binning Home Esq of Argaty,

Architect & C.E. — William Baillie Esq Kilmadock, &c both recommended by Robert Ballingall, Esq. Tallalun

Dr Radford, Sidmouth, rec.d by Dr J. McKenzie, Professor Wyville Thomson.

It was agreed that there be a Meeting of Council at half past Twelve tomorrow.

Meeting of Council 5th July 1871 held at 5 St Andrew's Sq..

Present Mr Milne Home esq in the chair,
Mr T. Stevenson,
" R. Tennent,
" R. M. Smith,
Dr Sanderson,
Mr Henry Stephens,
Sir William Ramsay, and
Mr Buchan, Secretary
Apology was received from Professor Balfour and Mr W. T. Thomson.

The Chairman read a Draft Report from the Council to the General Meeting which was agreed to by the Council.

A conversation took place with regard to the Circular which had been prepared for the purpose of inviting persons to join the Society. The Secretary was directed to ~~have copies~~ see that copies of it were ready previous to the Meetings of the British Association

Minute of Meeting of Council, held in Society's Chambers on 2nd August 1871.

Present:- Dr. Milne Home, in the Chair,
Sir William Ramsay
Sir W. Hope Johnstone
Dr. Sanderson
Mr. T. Stevenson
" R. M. Smith
" R. Tennent
" Buchan, Secretary

The Minutes of Meetings of Council held on 4th and 5th July were both read and found correct.

The Council resolve to express the deep and poignant distress which they feel at the death of the Late Dr Keith Johnston, who, ever since the institution of the Scottish Meteorological Society has been its Honorary ~~[illegible]~~ Secretary. Having taken an earnest part in the original formation of the Society, he also willingly gave his services in the Management of its affairs; and it is to him, undoubtedly, that the Society owes much of its success. The Council bears willing and grateful testimony to the prudence and energy with which he executed his official duty, as well as to his uniform urbanity and readiness to oblige, when associating ~~[illegible]~~ with the other Office bearers of the Society. The Council wish to put these Statements on record, as a just tribute to the memory of one whom they not only respected but loved; and they authorized a copy of this Minute to be sent to his widow, at the same time offering to her their expression of heartfelt sympathy.

Dr. Sanderson read a correspondence which had passed between himself and Mr McKenzie relative to the per centage paid to Treasurer for his Clerks and submitted Mr McKenzie's Receipt of the Sum closing his Account with the Society as Treasurer. ~~Dr S~~

A letter was read from Mr John Gordon of Cluny offering to establish a Station on his property in South Uist. The Council accepted this Offer and the Secretary was directed to make arrangements with the view of carrying out the proposal.

The Secretary was authorised to forward a box of Ozone Tests to Dr H. Guldberg, Thorshavn.

Mr. Milne Home, Dr Sanderson and Mr Tennent were appointed to represent the Society at the Meetings of the British Association.

The Secretary reported that he had carried out the instructions of the Chairman ~~with the arranging the the Books in the and Pamphlets~~ with reference ~~in~~ the Library; in binding the Books; and in arranging the Pamphlets in boards ~~in~~ as suggested by Mr Stevenson.

The following gentlemen were unanimously elected Members of the Society:—

Rev. R. F. Colvin, Kirkpatrick-Juxta, Moffat.

Rev. Charles H. Griffith, Strathfieldd, Turgiss, Hants.
recommended by the Marquis of Tweeddale

Rev. Robert Henderson, senior Chaplain of the Church of Scotland, Bengal Establishment Haldane House, Bridge of Allan.

The Council authorised the insertion of the following Papers in the forthcoming Number of the Society's Journal, viz.—

1. Report of the [redacted] Council to the General Meeting 5th July 1871.

2. On the Rainfall of Scotland by the Secretary.

3. Rainfall of the day and Night respectively, at Smeaton, Haddingtonshire.

4. Meteorological Returns, with Notes of the Prevailing Weather and State of Vegetation at the Society's Stations, for the quarter ending 31st March 1871.

Minute of Meeting of Council held in Society Chambers on 28th Nov. 1871

Present, Dr. W. Robertson in the chair
Mr. J. Cunningham,
" R. M. Smith,
Dr. Sanderson,
Mr. Stevenson,
Professor Balfour,
Mr. Buchan

Apologies for absence were received from Mr. Milne Home, Mr. R. Tennant, Mr. H. Stephens, and Mr. W. Thomson, Mr. Hutcheson

The Minutes of Meeting held on 2nd Aug.t were read and found correct.

The Council authorized the insertion of the following Papers in the forthcoming Number of the Society's Journal viz:-

1. On the Rainfall of Scotland, by the Secretary. Fourth Article.

2. On the Underground Temperature by the Secretary Second Article

3. Remarks on the Climate of Malaga, by C. Home Douglas, Esq. L.A.

4. Meteorological Returns, with Notes of the Prevailing Weather & State of Vegetation at the Society's Stations, for the quarter ending 30 June 1871.

The Secretary read a report on the Society's Stations at Eyemouth and Marchmont House, Berwickshire, which he had visited in August and September last.

It was agreed that South Uist be sanctioned as one of the Society's Stations, John Gordon Esq. of Cluny having offered to supply the Instruments. The Rev. Roderick

Mc Donald, Minister of South Uist has kindly agreed to make the observations.

It was agreed to send Ozone Tests to the observers at Thorshavn and Reykjavik ~~- these gentlemen having applied in answer~~

Mr Stevenson read a letter which he had received from Mr Dunlop of Annanhill, Kilmarnock with reference to Meteorological Observations which he makes there. The Secretary was directed to correspond with Mr Dunlop regarding the suitability of this place as a Station of the Society and to report.

A letter was read addressed to the Marquis of Tweeddale, Pres. from Mr John Exley Rose, Santarem S. America in which that gentleman offered to make observations for the Society at that place provided he were supplied with the necessary Instruments. After some conversation on the matter the Secretary was instructed to confer with Dr Mitchell and report to next Meeting

The following gentlemen were on the motion of the Chairman elected Members of the Society:–

Life Members

Dr A. Freeman London

J. F. Bateman C. E. London

Annual Members

William McDougall recomd by Mr Stevenson,

Captain David Gray, Peterhead

Rev. Charles Watson, Largs, recomd by Mr Lennent

Rev. David Playfair, Abercorn do do

Professor Simpson recomd by Dr A. Mitchell

James Hunter Coltness Iron Works

James Wilson, Waterworks, Greenock
Capt. Gilbert B. Rutherford, Pulteney House
Sir John Clark, Bart.
Cornelius B. Fox. M.D.
Forrest Ewen, Lylestone, Dumbarton, recomd by
J. W. Burns of Kilmahew
John Martin of Auchenfroe, Cardross, recomd
by J. W. Burns of Kilmahew
John Gabin, Wester Elchies, Craigellachie, recomd
by Rev. J. Peter, old Deer.
Ralph Richardson W.S. 16 Coates Cres.
Dr Shirreff Ratho, recomd by Mr Hutchison

Minute of Meeting of Council held in Society Chambers on 11th January 1872.

Present Mr. James Cunninghame in the Chair
Prof. Balfour
Mr. Henry Stephens
Dr. Arthur Mitchell
Mr. R. M. Smith
Dr. Sanderson
Mr. Thomas Stevenson
" Robert Tennant
" Buchan

Apologies for absence were received from Mr. Milne Home, ~~and~~ Admiral Sir W. J. Hope Johnstone and Mr W. T. Thomson ~~John Hutcheson~~

The Minutes of Meeting of 28th November were read and found correct.

A vacancy having occurred among their number by the death of Admiral Sir William Ramsay, the Council desire to put on their Minutes a record of the

high esteem in which he was held by them, and of their great regret at the loss of a colleague who was most attentive to his duties, and in whose judgment they always felt the utmost confidence. The Council authorise a copy of this Minute to be forwarded to the Venerable Dean Ramsay, and at the same time most respectfully offer to him their condolence on account of the bereavement he has sustained.

It was resolved that the General Meeting of the Society be held on ~~the~~ Wednesday the 24th inst. — Dr. Sanderson to fix the Hour after ~~consulting~~ conferring with the Marquis of Tweeddale.

A conversation took place with regard to the Honorary ~~Treasurership~~ Secretaryship, and a strong wish was expressed of the Council that Mr. Thomas Stevenson accept the Office; but at Mr. Stevenson's request his decision was deferred till next Meeting of Council.

~~He~~ With respect to the three vacancies in Council, which require to be filled up by the General Meeting ~~caused through the death of Sir W. Ramsay, Dr. Sanderson's appointment to office of Hon. Treasurer, and the filling up of the Hon. Secretaryship~~, it was proposed to recommend to the General Meeting that Professor Wyville Thomson, and Mr. Alexander Leslie, ~~[illegible]~~ C.E. be ~~re~~elected; and with reference to the third, that Mr. Milne Home be asked to make inquiry of Sir T. B. Hepburn if he would be willing to become a Member of the Council, Mr. Patrick Dudgeon's name was also mentioned in the

event of Sir T. B. Hepburn; not joining the Council.

It was agreed that the following subjects be brought before the General Meeting;—

1 Notice by Dr. Mitchell of Dr Havilands Paper on the Distribution in England of Heart Disease.

2. Notice of Communication from Prof. Maury U.S. on the Relations of Agriculture to Meteorology.

3 A proposed modification of the Wheel Barometer by Mr. T. Stevenson.

Mr. T. Stevenson mentioned that he was making inquiries into ~~the~~ heavy Easterly gales which occurred in Scotland in September last; and Mr. Buchan that he was making similar inquiries regarding a West Indian Hurricane, details of which had been forwarded to the Office by Governor Rawson, through the Admiralty. Since in both cases the inquiries ~~could~~ would not be completed for a few days, ~~yet~~, it was remitted to these Gentlemen to ~~make arrangements~~ to bring the subjects before the Meeting, provided on inquiry they seemed suitable.

The Secretary exhibited a set of Apparatus which he had received from Mr. Symons, London for the testing of Rain Gauges, the defining of their positions, with respect to surrounding objects.

Dr. Mitchell reported regarding Santarem, on the Amazon, S. America, that he had made inquiry regarding Mr J. Exely Rose, who offers to observe for the Society there, that he was in all respects a suitable person, ~~and that the~~ and that considering the Meteorological importance of this ~~Station~~ place, would recommend that it be ~~accepted~~ a Station, ~~and that~~ The Council agreed to sanction it, and to supply a Barometer, Max & Min. Ther., Hygrometer and a Rain Gauge. The Secretary was instructed to cooperate with Mr R. M. Smith with reference to the transmission of the Instruments to Mr Rose.

It was agreed that Crieff be sanctioned as a Station in place of Muthill. — the Rev. Mr Morris the observer at Muthill having removed to Crieff in the beginning of the year. It was also agreed that Annanhill near Kilmarnock be ~~received~~ sanctioned as a Station of the Society. — Mr Dunlop having supplied the necessary Instruments and already sent two months observations to the Office.

The Secretary was instructed to forward a maximum Thermometer to the observer at Fettercairn to replace one that had been accidentally broken.

† The following gentlemen were on the Motion of the Chairman elected members of the Society:

Alexander J. Adie, Esq. C.E., Rockville, Linlithgow, recom^d by Mr T. Stevenson. 21/-

W. H. Dunlop, Esq. of Annanhill, Kilmarnock recom^d by Mr T. Stevenson. Life Member

Dr John Brown 23 Rutland Street, Recom^d by Mr R. Tennent 21/

J. D. Marwick, Esq. City Clerk. recomd by Dr A. Mitchell. 21/-
Dr Patrick Rankine, Airdrie. recomd by Mr Patrick Rankine. 10/-
C. Leeson Prince, Esq. M. R. C. S. Uckfield, Sussex.

Minute of Meeting of Council held in Society's Chambers on the 23d January 1872.

Present, Mr Milne Home in the chair,
Professor Balfour,
Sir W. J. Hope Johnston
Mr R. Tennent,
" T. Stevenson
" J. Cunningham
" Buchan.

The Minutes of Meeting of 11th inst were read and found correct.

Apologies for absence were received from Mr W. T. Thomson, Dr A. Mitchell, Dr Sanderson, Mr H. Stephens

It was resolved, with reference to the Instruments ~~to be sent~~ proposed to be sent to Santarem, that no further steps be taken till next Meeting of Council.

With reference to the Hon. Secretaryship, Mr Stevenson intimated his acceptance of the Office

With reference to ~~For~~ the vacancies in the Council caused by the death of Sir William Ramsay, the appointment

of Mr. Stevenson as Honorary Secretary, and of Dr. Sanderson as Honorary Treasurer, the Council resolved to suggest to the General Meeting for election Sir Thomas B. Hepburn of Smeaton, Bart; Professor Wyville Thomson and Mr. Alexander J. Adie, C.E. ~~These gentlemen have intimated their~~

It was also resolved to suggest to the General Meeting Dr. William Robertson, to ~~fill~~ supply the vacancy in the Medico-climatological Committee caused by the death of Dr. Keith Johnston.

At the request of the Council, the Chairman agreed to give an account to the General Meeting of ~~the American~~ a scheme lately proposed in America by ~~Lieut.~~ Commodore Maury for obtaining in all countries yearly Meteorologico-Agricultural Statistics, bearing on the growing crops.

It was agreed to sanction Ratho, and Abercorn, as Stations of the Society. Dr. Sheriff, a Member of the Society having procured the necessary Instruments for the former place, and the Rev. D. Playfair, also a Member of the Society, for the latter place.

Minute of Meeting of Council held in 5 St Andrews Square on the 24th January 1872.

Present Mr. Milne Home in the chair
Professor Balfour,
Dr. Mitchell
Dr. Sanderson,
Mr. T. Stevenson

Sir W. J. Hope Johnston
Mr. R. Tennent,
" J. Cunningham
Apologies for absence were received from Mr. H. Stephens. Mr Buchan
The Minutes of Meeting of the 23d inst. were read and found correct.
The Chairman read a draft Report of Council to the General Meeting, which was approved of by the Council.
On the motion of the Chairman ~~Mr~~ Lawrence Pullar, Esq. Bridge of Allan was on the recommendation of Dr. P. Campbell ~~elected~~ unanimously elected a Member of the Society. 21/.

Minute of Meeting of Council held in Society's Chambers on the 20th March 1872.
Present Mr. Milne Home in the chair
" Professor Wyville Thomson,
" Mr Henry Stephens
" Dr Sanderson
" Mr. R.M. Smith
" Alexander J. Adie, C.E
" James Cunningham
Sir William J. Hope Johnston
Letters of Apology were received from Mr Buchan Sir Thomas B. Hepburn, Bart., Mr. R. Tennent, and Professor Balfour.
The Minutes of last Meeting were read and found correct.
Santarem A conversation took place with regard to Santarem, but as the Honorary Secretary was absent it was agreed to defer the decision of the Council respecting the Instruments till next Meeting.

With regard to next number of the Society's Journal, it was stated by Mr. Buchan, that the Article of the Monthly Rainfall of Scotland which he had prepared would occupy about 17 pages; and that as it was very desirable that the whole of the Article appear at once, he suggested whether a double number consisting of 56 pages be next issued. In this way the whole of the Article, with a variety of other Articles would appear together. ~~In this the~~

Thereupon agreed that a double No ~~appear~~ be issued consisting of 56 pages, and that some Illustrations be given. It was agreed that the following papers appear in it: —

1 The mean Monthly Rainfall of Scotland
2 Report from the Ozone Committee.
3. Report of the ~~last~~ General Meeting of the Society in January last.
4 Inveresk Annual Meteorological Register
5 Table of observations connected with the return of the Seasons.

A Report was read from the Ozone Committee detailing the observations made in the Royal Botanic Gardens, under their superintendence during the summer of 1869. The Report was approved of and ~~the thanks of the Co~~ the Committee was thanked.

The Hon. Treasurer submitted a Report respecting the ~~Annual~~ Subscriptions to the Society from which it appeared that £416"4"0, had been already collected, and that £43"12"0 remain still to be collected

The Secretary intimated that owing to the death of Sir Alexander Lindsay, the Society's observer at Perth, a new observer would be required; and that he had been in ~~correspondence with other~~ communication with several parties regarding this matter. Mr James Moncur had expressed his willingness to take charge of the observations. The Council agreed to give a loan of a Barometer to the Perth Station, it being understood that the rest of the instruments will be supplied by the local parties. Mr Buchan was directed to go to Perth and arrange regarding the instruments and the observations.

General Prison for Scotland

The following gentlemen were on the motion of the chairman unanimously elected Members of the Society:—

Samuel Somerville, Esq. of Amphierlaw, M.D. recomd by Dr Mitchell	£1..1..0
Sir Charles Wm Ochterlony, Bart. St Andrews recomd by Professor Swan	1..1..0
William Arnot, Esq., F.C.S., Lasswade,	10..6
Lieut.-Col. A. C. Campbell, of Blythswood (Life Member)	10..10..0
John Munro Mackenzie, Esq. of Calgary, Garion Tower, Wishaw, recomd by Rev. Mr Harvie	1..0..0
William Cathcart Smith Cunningham, Esq. of Caprington	1..11..0
David Gillespie, Esq. of Mountquhanie Fife	10..6
Thomas W. Campbell, Esq. of Walton Park, recomd by Mr Tennent	10..6

Minute of Meeting of Council held in Society's Chambers on the 29th May 1872

Present Mr. Milne Home in the chair
Sir Thomas B. Hepburn, Bart
Mr. R. Tennent
Dr. Sanderson
Mr. R. M. Smith
" A. J. Adie
" Thomas Stevenson
" James Cunningham
Buchan

Apologies for absence were received from Mr. Henry Stephens, Dr. A. Mitchell and Professor Balfour.

The Minutes of Meeting of 20th March were read and found correct.

A conversation took place with regard to Santarem when Mr. R. M. Smith ~~liberally~~ offered to bear the expense of a set of instruments for this Station. The expressed to Mr. Smith the cordial thanks of the Council for his liberal offer.

The Secretary reported that the arrangements regarding the resumption of observations at Perth were not yet completed, but he hoped they would be in a short time; that owing to a change of observer at ~~the~~ Edinburgh ~~Station~~ he had made several visits to that Station; that the observations had been interrupted at Greenock owing to the illness of the observer: that a vacancy had occurred at Ballater owing to the death of the late observer Mr. J. W. Paterson; and that some arrangements would be required for Thorshavn, as Dr.

Guldberg, the observer there was leaving Faro.

The Secretary was intructed to convey to ~~communicate with~~ Dr. Guldberg the best thanks of the Council for the great services he has rendered the Society since he began ~~to observe~~ in 1866; and to solicit his assistance in the appointment of a successor:— and to take what steps might be necessary towards securing an observer at Ballater.

The Honorary Treasurer reported that £454"4"6 had been collected during the current year, leaving £14"19"0 still outstanding; and that £137"8"8 was in Bank. It was remitted to the Hon. Treasurer, along with the Finance Committee, to pay the ~~all claims against~~ accounts due by the Society, and to prepare for the General Meeting the Annual Financial Statement,— Mr. R. M. Smith and Mr. W. T. Thomson to audit the accounts.

A letter from Mr. Clements Markham, Secretary of the Royal Geographical Society was read, soliciting the co-operation of the ~~this~~ Society in an application about to be made to H.M. ~~the~~ Government by the Royal Geographical Society with a view to fitting out an Expedition for Scientific Research in the North Polar Regions in the direction of Smith Sound.

It was remitted to the Secretary to prepare an answer to this letter, after conferring with Mr. T. Stevenson, Professor Wyville Thomson, Sir W. Hope Johnstone and Mr. Tennent.

It was agreed that the subjects for investigation of the Secretary be

1 The average ~~Direction~~ Prevalent Direction of the Wind in Scotland, from the observations of the Society's Observers.

2. Mean Temperature at Stykkisholm, Iceland, ~~being~~ from the valuable Table of the monthly Temperature of each month from November 1845 sent to the Society of their observer Mr. A.O. Thorlacius, and for which the Secretary was directed to convey to Mr. Thorlacius, the best thanks of the Council.

~~Extracts of~~ Letters to Mr. Tennent from Dr. Buys Ballot of Utrecht, Mr. Clement Ley were laid on the Table. These letters contained ~~some~~ valuable remarks on some interesting Meteorological points. It was resolved that these gentlemen be communicated with, and invited to contribute Papers on these points for insertion in the Journal.

It was agreed ~~to~~ that Mr. Buchan give some account to the General Meeting of the Inquiry on the Winds of Scotland ~~in~~

A Meteorological Chart of the United States, (published thrice daily) was shewn to the Meeting, and the Secretary was directed to write General Myer who is in charge of this Department and inquire if the Society could be supplied with copies of ~~this~~ these charts.

~~It was agreed~~ Mr. Adie made some suggestions regarding an Aspirator for the observing of Ozone. The subject was remitted to the Ozone Committee. It was agreed that

Mr Adie's ~~name be one of those~~ name be added to the Ozone Committee.

It was agreed on the motion of the Chairman that the following Gentlemen be elected Members of the Society —

James Duncan, Esq of Benmore, Kilmun £2.. .. —
(recd by Mr Blair, Inglestone)

T. J. Galbraith, Esq Town Clerk of Stirling 1.. 1.. —
(recd by Mr Hamilton of Leny)

J Henderson, Esq. M.D, 16 St James Square, London

Rev W. Clement Ley, Breinton, Hereford 10.. 0
(recd by Mr Bennett)

Minute of Meeting of ~~the~~ Council held in the Society Chambers on 14th June 1872.

Present. — Dr Milne Home, in the Chair.
Professor Balfour
Dr Sanderson
Mr Adie
Mr R. M. Smith
Admiral Sir W. Hope Johnston
Mr Buchan

Apologies for absence were received from Sir T. Buchan Hepburn, and Dr Mitchell.

The Minutes of Meeting of 29th May, were read and found correct.

A Letter was read from the Marquis of Tweeddale with reference to the proposed Expedition to the ~~Antarctic~~ Arctic Regions. His Lordship's letter remitted to the Sub-Committee appointed to reply to the letter of the Secretary of the Royal Geographical Society ~~…~~ asking the co-operation of the Society with them in this matter.

The Chairman intimated that he and

the Meteorological Secretary had been summoned to appear before the Royal Commission on Science in support of the Society's Claim for a pecuniary Grant from Government. Mr Buchan read over the Draft Evidence which he had prepared ~~it with a view~~ this the Council generally approved of and ~~the~~ he was directed to wait on Lord Tweeddale at Richmond House, Surrey, and submit the above Evidence to his Lordship for his consideration and approval previous to his appearing before the Commission

Minute of Meeting of Council held in ~~the~~ 5 St Andrew Square on 3d July 1872.

Present Mr Milne Home, in the chair.
Sir Thomas B. Hepburn, Bart
Mr W. T. Thomson, Dr. Arthur Mitchell
" Alex J. Adie, Mr Stevenson
Prof. Balfour,
Dr. Sanderson
Mr. Buchan

Apologies for absence ~~were~~ was received from ~~Mr. Stevenson~~

The Minutes of Meeting of 14th June were read and found correct.

The Secretary reported that he had received a letter from Dr. Gudelberg, the observer at Faro stating that he had secured for the Society the services of Mr. Holst as his successor

Mr. Stevenson read the letter which he had sent to the Royal Geographical Society in reply to their communication of 24th May

regarding the proposed Arctic Expedition.

Dr. Mitchell read ~~a~~ letter which had been received from Dr. Fox, Scarborough asking Electrotypes of the illustrations of the Ozone Apparatus which had appeared in the Society's Journal, [for a book which is about to publish on Ozone]. The Council agreed to furnish ~~these~~ ~~to~~ Dr. Fox.

~~Dr. Mitchell~~ Mr. Home stated verbally the ~~Report~~ substance of the Report from the Council to the General Meeting, ~~To this Report the~~ which the Council agreed to.

Ozone

Dr. Mitchell intimated that he had that morning received a letter from Lord Tweeddale enclosing a Cheque for £100 to be expended in prosecuting the investigations entrusted to the Ozone Committee. The intelligence was received by the Council with great satisfaction, and it was resolved that Dr. Mitchell should make the announcement at the General Meeting.

Dr. Sanderson, Honorary Treasurer, made a brief report on the state of the Society's accounts from which it appeared that there was a sum of £26"11"2 at the Society's Credit in the Bank

Minute of Meeting of Council held in Society's Chambers 2nd August 1872

Present Dr. Arthur Mitchell in the Chair
" Sir T. B. Hepburn, Bart
Professor Wyville Thomson,
Mr. T. Stevenson
" R. M. Smith
" Alex. J. Adie and
" Buchan

Apologies for absence were received from Mr. Home, Dr. Sanderson, Professor Balfour &

Mr. R. Tennent.

The Minutes of Meeting of 3rd July was read and found correct.

Mr. Buchan made a verbal Report on the Stations at Perth Dundee and St Andrews, which he had visited.

It was agreed that the following Papers appear in the forthcoming No. of the Society's Journal: –

1 The Prevailing Winds of Scotland by the Secretary.
2 The Climate of Iceland (Article 2d) the Temperature
3. Report of the General Meeting 3rd July
4. Tables and Weather notes for the Quarter.

It was agreed to publish a Chart shewing the prevailing Winds of Scotland, the cost of which being, as per estimate £2..2..6.

Dr. Mitchell reported that he had deposited the £100 sent by Lord Tweeddale for prosecuting the Ozone investigations in the Union Bank in a separate account in Dr. Sanderson's name.

Mr. T. Stevenson described a form of Day light photometer consisting of a small Chamber with an aperture of variable area worked symmetrically by graduated screws; and also a Hygrometer for investigating the formation of cloud, consisting of an apparatus for raising the temperature of water until visible vapour is given off.

The Council authorized Mr. Buchan

to represent the Society ~~the Society~~ at the Meteorological Congress to be held at Leipsig on the 14th inst.

The Secretary intimated that the Leith, Hull & Hamburg Steam Packet Co. ~~and~~ the Leith & Rotterdam Steam Shipping Co. had presented him with free passages, from Leith to Hamburg, and from Rotterdam to Leith in their steamers. The Hon. Secretary was requested to convey to these Gentlemen, the best thanks of the Council for this favour they have conferred on the Society.

The cordial thanks of the Council were given to Mr. R. M. Smith through whom these free passages had been granted.

~~The Secretary read~~ Two letters from the Hon. Treasurer – dated 24th ~~Jul~~ and 1st Aug – ~~with reference to~~ were read, with ~~ref~~ reference to the Secretary's Expenses in connection with the Leipsig Congress. The Council resolved that the Hon. Treasurer be instructed to pay £30 to Mr. Buchan towards the expenses of his visit to Leipsig – it being understood that the Treasurer ~~so~~ endeavour to raise this sum by private contributions

Sir Thomas B. Hepburn inquired whether it was desired to have a Station erected in connection with the Society at Kirkcowan, Wigtownshire, as he learned from the local parties that this might be done. After some conversation the Council were of opinion that the establishment of a Station at Kirkcowan was very desirable, especially as the Secretary thought it very likely that the present Observer in Wigtownshire would soon be unable to continue his Observations. Sir

Thomas B. Hepburn was requested to communicate with the local parties with a view to the establishing of a Station there.

Professor Wyville Thomson asked the assistance of the Council with reference to the Meteorological observations which it was proposed to make during the scientific Cruise round the world of which he was to have the charge. Mr. Stevenson, Dr. A. Mitchell, Mr. Adie, Admiral Sir W. H. Johnstone and the Met. Secretary were appointed a Committee to assist ~~in this matter~~ and confer with Prof. Thomson in this matter.

Minutes of Meeting of Council held in Society's ~~Station~~ Chambers, on 22 Nov. 1872 12 noon

Present Mr. Milne Home, in the chair
Sir Thomas B. Hepburn
Dr. Sanderson,
Dr. Mitchell
Mr. R. Tennent
.. W. T. Thomson
Professor Balfour
Mr. Adie,
.. T. Stevenson
.. J. Cunningham
Sir W. J. H. Johnston
Mr. Buchan

The Minutes of the Meeting of 2nd August 1872 were read and found correct.

The Hon. Treasurer read an interim Report stating that £ 143..3..6 had been already collected of this year's Subscriptions. He also stated that as he was to be abroad during

the winter he would suggest that an interim Hon. Treasurer be appointed, and proposed with the sanction of the Council Mr. R. Tennent to act during his absence. Mr. Tennent being present agreed to do so.

The Council directed Mr Buchan to intimate to the Union Bank that the Funds lodged there belonging to the Society will be entered in an account in the name of Mr Robert Tennent as interim Hon. Treasurer who is authorised to pass Drafts on the Bank for such sums as he may require for behoof of the Society.

The Secretary intimated that he had received a letter from Sir T. B. Hepburn with reference to the proposed Station at Kirkcowan, and putting him in communication with the local parties there; and that he was now in a position to report to the Council that Mr. Hamilton, Craiglaw, had agreed to bear the expense of a Set of Instruments, and Dr. R. B. Selby had agreed to make the observations; and that the Instruments would be ready to be despatched ~~before~~ in a few days. The Council agreed to sanction ~~the estab~~ Kirkcowan, as one of their regular Stations.

The Secretary reported that he had received a letter from J. Dix Weatherly, Manáos, Brazil, intimating his readiness to observe for the Society:

From Judge Höst, the new Observer at Thorshavn, Farö, together with six weeks observations ~~by him~~:

From Mr. Thomson, Aberdeen, that

his Thermometer Box had been blown down during a gale, Mr. Thomson to call when in Edinburgh regarding it.

A Letter was read from Dr. John D. Macdonald, Lochcarron, Rossshire, offering to observe for the Society there, ~~provided~~ if he was ~~furth~~ furnished with the Instruments. The Secretary was instructed to write inquiring whether some of the local parties might not be induced to furnish ~~the~~ a Set of Instruments.

Letters were read from

1. Prof. C. P. Smyth, ~~enclosing one from M. Leverrier~~ stating that he had received a letter from M. Leverrier, Paris, who was desirous of obtaining a Monthly Schedule of Observations from some one of the Society's Stations particularly in the north west of Scotland. After some conference with some Members of Council, and correspondence with Leverrier, observations from Stornoway were agreed to be sent, and that two months' Observations had been already published in the Bulle. Hebdom. Scient. Asso. France. The Council approved of what had been done and directed Mr. Buchan to continue to furnish this information to M. Leverrier.

2. From M. Ch. Sainte Cl. Deville, Pres. Met. Soc. of France asking copies of Observations from Smeaton & Callater for December 1870, ~~which~~ These were sent.

3. From M. Tarry, Secy. Met. Soc. France making inquiries regarding observations in Iceland, Farö, &c. which the Secretary was directed to answer.

Letters were laid on the Table from Dr. Buys Ballot; Prof. Mohn; Dr. Brown, Arbroath; Mr. Blandford, Calcutta; Mr. Marten, ~~of~~ New Zealand, which were referred to the Publishing Committee with a view to Extracts from them appearing in the Society's Journal.

A Letter from The Marquis of Tweeddale was read suggesting that the Council take up the subject of Herrings, particularly their Migrations as connected with the currents of the sea and the temperature of these currents. After some conversation during which it was suggested that the Fishery Board should be communicated with, with a view to their taking some action in the matter, his Lordship's letter was referred to a ~~sf~~ sub-Committee. The sub-Committee to consist of Mr. T. Stevenson (Convener) Sir W. J. H. Johnston, Mr Adie, Mr Cunningham and Mr R. Tennent.

A Letter was read from Mr Scott, Meteorological Committee of the Royal Society, dated 4th Nov. 1872 intimating that he had taken steps to establish a Station at Stornoway in connection with the Committee and had appointed Mr Smith Gardener, at Stornoway Castle, the Society's Observer, to be the Observer for the Committee.

In connection therewith the following were read viz.

1. Extracts from the Minutes of the Society dated 28th March 1870 ~~specifying~~ Specifying the basis of agreement which ~~the~~ had been proposed to the Meteorological Committee with the view of preventing any Misunderstanding between the ~~[illegible]~~ Meteorological Committee and the Council in their relations to each other.

2. Letter from the Meteorological Com-

mittee dated 5th April 1870, containing Extract Minute dated 4th April 1870 stating the acceptance by the Committee of the proposed terms of agreement but with a slight modification of No. 4 to the effect that as they had been in correspondence for some time with four of the Society's Observers, they reserved the right still to correspond directly with them.

3. Extract from Minute of the Council dated 26th April 1870 which had been forwarded to the Meteorological Committee intimating the Council's acceptance of the terms proposed by the Meteorological Committee.

A long conversation took place and ultimately a Sub-Committee was appointed to prepare a Minute to be forwarded to the Meteorological Committee. The Sub-Committee to consist of Mr T. Stevenson (Convener) Mr Will. Thos. Thomson, Dr A. Mitchell, Dr Sanderson, Sir W. J. H. Johnston, and Mr R. Tennent. It was agreed that a Meeting of Council be held to consider the Minute before sending it to the Meteorological Committee. It was also agreed that the Hon. Secretary before transmitting this Minute to the Meteorological Committee to submit it to the President for his Lordship's approval.

The Hon. Secretary explained to the Meeting a method of observing Max and Min. Temperatures of the sea

and that he had had some communication with Mr Boyd one of the Members at Peterhead, regarding its adoption at the harbour there. Mr S. was authorized to write the Trustees of Peterhead Harbour with a view to the erection institution of such observations there

The following gentlemen were unanimously elected Members of the Society on the motion of the Chairman:

Paulin, Solicitor, Berwick 10..0
recomd by Capt. D. Milne Home
J. C. Moore, Corswall, recomd by Capt. D. Milne Home 1..0..0
Sir Kenneth Mackenzie of Gairloch, Bart 1..0..0
Graham Hutcheson, Balmaghie Ho. 1..1..0
Sir Na. Staples, Bart, Lissan, Ireland 1..1..0

Minutes of Meeting of Council held in the Society's chamber, 26th Nov. 1872
Present Sir Wm Hope Johnstone in the chair
Mr. R. Tennent
Dr. Sanderson
Mr. R. M. Smith,
" J. Stevenson
" J. Cunningham
Professor Geikie
" Balfour
Mr. A. J. Adie
Dr. A. Mitchell
Mr. Buchan

The Minutes of Meeting of the 22d inst. were read and found correct.

Apology for absence was ~~received~~ read from Mr. Milne Home.

The Hon. Treasurer made a verbal report from the Finance Committee on the following points:—

1 That up to date £143..3..6 of this year's Subscriptions had been paid:

2. That the Hon. Treasurer's clerk be

29 January 1868 –

Lord William Hay –
Captn. Douglas –
Mr Hope, Fentonbarns –
— Russell, Pilmuir –
Sir Wm Baxter Hepburn –
Mr Brown of Ashley –
— Kenneth Mackenzie –
— Wm Brown, F.R.S.E. –
— Pitmans Scott –
Geo. Paterson Mddle
Laidlaw
Gray, Southfield
Geo. Seton –
Revd. Dr Johnston –
Dr Bremner –
Mr Thos. Stevenson –
— Geo. Meldrum –
Laidlay of Seacliffe –
Sir James Cox –
Mr John Cox –
Dr J. Macadam –

8 July 1868 –

Besides the Members of Council –
John Borthwick Esq of Crookston
R.S. Mr of Tossenwo –
Andw Coventry Esq.
Dr Leitken –
G. Bremner –
W. Brown Esq –
Richd Hunter Esq –
Revd. Dr. Wood –
George Seton Esq –
Maclaren Esq –
Col. Lockhart –

Geo. Webster Esq C.E.
Jas. White Esq –

Stephens –
Ramsay –
A. Johnston –
Smith –
Stevenson –
Dr Nachot –
Several Ladies –
Revd Dr Johnston –
John Macphie, Esq. –
W. H. [illegible] Esq.
John Aiwar Esq. of Morslaw
John Russel Esq. –

Moved by Andrew Coventry Esq. Advocate, and seconded by Robert Scott Moncrieff Esq of Fossaway

This Meeting resolve to approve of the Report from the Council; ~~not read~~ They farther, ~~and to~~ express ~~a hope that~~ a hope that the claims of this Society to obtain pecuniary aid from the Public funds, will be favourably responded to = ~~and~~ they desire also to offer their grateful acknowledgments to the Marquis of Tweeddale for the Prize which he has intimated his intention of offering in order, to elicit information on the subject of Ozone = The Meeting farther ~~wish to express~~ rejoice to see on the table the ~~publication~~ publications of so many learned foreign ~~&~~ Meteorological Societies, and of Foreign Government departments, with which this Society is in correspondence, and agree to thank the office bearers of these Foreign Societies & departments for their publications -

Report on Stations visited.

Glasgow, visited 14th February 1873.
The Barometer agreed with the Society's Standard.
The Thermometers are in good working order, and in the same position as heretofore.
The Rain Gauge is also the same, and in the same position. I measured 4 dia. which were from 4.92 to 5.08 inch = average 5 inches. There is a glass measure graduated, which reads

.10 inch	=	460	grains of water
.20 "	=	960	.. ..
.30 ..	=	1450	.. ..
.40 ..	=	1975	.. ..
.50 ..	=	2500	.. ..

Since last visit a Buckley's registering Rain Gauge has been added and Max and Min in Box for Self. reg. Thers.

Paisley, visited 14 February 1873.
The Barometer agreed exactly with the Std. and the observer read it correctly.
The extra Barometer was at first .230 inch too low, but after a good deal of trouble the air was removed and it then read exactly with Standard. The Barometers, as recommended at the time of my previous visit, have been removed to the Gardener's tool House — a good position.

Thers Max in shade No 2. 3471
Min large Adie's
Hygrometer 980

Box louvred all round and below, same as the one in Glasgow

Max in Sun No 2 7439, Min on Grass 986.

ll the Thermometers are in the same position
as at former visit of inspection.
They are all good instruments and in good
order, except the Min in Sun, a small
portion of the spirit having settled at
top of tube. Mr. Coats and Observer shewn
how to set such the minimum Ther right
when it goes wrong in this way.
The Rain gauge is Fleming 3 inches, and is
in a good open position, same as formerly.
The method of estimating the clouds was
explained — the whole of the sky down to
the horizon having been taken into account
by the present observer.

Annanhill, visited 14–15 February. —
Barometer air found in it thus:

First Reading			air out second Reading	
	30·190	49 = 30·205	30230 + 015 =	30·245
Pt. Standard	30·254	48 = 30·254	3245 =	30·245

A large handsome instrument with wooden scales
and an ~~float~~ adjustable cistern, in a good position
Max Ther in shade No 2, 9379 comp. at Kew
Duplicate " " Gardner
Min " " No 2 4673 comp. at Kew
Duplicate " " Gardner
Hygrometer No 2 2665 comp. at Kew
Duplicate " Gardner
Box for Thers large and handsome, double louvred
with open wire screen below.
Ozone 1st in Box 4 ft
" 2nd in wire Box 23 ft high

[Thermometer], H.C. [reads] ...

Rain Gauge No 10 in dia. } both well placed at 2
do No 10 do } inches above ground

This Station was established in the end of 1871 by Mr. Dunlop. The Instruments are superior, and in duplicate. The Ther.s anemometer, Ozone, & one Rain Gauge, are all in a railed off enclosure in a field, The position is remarkably good. Mr. Dunlop is a very enthusiastic Observer.

Ridge Park, visited 15 February 1873

The Barometer was in good order, agreed with the Standard and was correctly observed both by Mr. Lindsay and his gardener.

The Max Ther. in shade		correct
Min	..	1°5 too low
Dry bulb	..	correct
Wet bulb	..	0°.5 too high
Max in sun's rays		~~correct~~
Min	..	out of order

of the spirit evaporated, - set ...

~~Box~~ Stevenson's at proper height, over grass and position good.

~~Anemometer~~ R.H.C. on stand 14ft ~~high~~ high carefully attended to. (but does not seem to ... well in opinion of Mr. L.)

			dia.
Rain Gauge	No 1	1 feet	464-456
..	No 2		468-452

Ther. Min. in shade brought to Edinburgh and put right by opening the tube.

The Glen visited at request of Mr. Tennant
22 February 1873.
Observations at this Station have been suspended for sometime (cause state)
The object of the visit was to make arrangements for resuming them.
The Barometer was found to have air in the tube. It read 29.018 standard 29.046, on expelling the air, it then read 29.048 temp. 45°. It was hung in the gardener's tool room in a good position and permanently fixed there.
Max. in shade — correct
Min " 1°.6 too low was brought to Edinburgh, and when Adie found a fine crack at top of tube to which no doubt had ~~caused~~ permitted the loss of a portion of the spirit. It has been rectified.
Dry bulb = 0°.3 too low
Wet " = 0°.3 "
Box Stevenson's in good order. A place was fixed upon for erecting it.
Rain gauge is at present in Edinburgh under repair. It is a large and good one, and its position is good.

Fettes College. —

Thirlestane Castle

Barometer – Height same as day of Storm three readings from 28·74 to 28·565, mean correction from these three +·021. Prof. Everett's +·020. to be therefore retained.

Thermometers (at 50; 60; 70): – ~~In Shade~~. Max. Occasionally gets plunged; got plunged. Whitten skill in disentangling the index – not so satisfactory examination but appears ~~+0·5 too low~~
−0·8 Everett
to be replaced { No 2
Min. correct
−007 Everett.

} Box usual pattern confined, partly to be rectified by cutting down a large bush of ... [illegible]

Exposed Max correct
Min 2°·5 evaporated drawn down
position of Max in window sill. To be placed in grass now. Then found correct.

Hygrometer Dry correct
Wet +0·5 too high

Gauge Henr. 3 in dia. above ground: position ~~not of great ...~~ confined, but difficult to ~~select~~ set a better
Instruments from 17 to 20 feet south of House 4½ stories

Suggest that Society's Standard be compared at Kew

Business

1. Memorial.
2. General Meeting, Time – Business
3. Stations, North Alert. – Thirlestane Castle ~~No 2089 585~~ ~~1498 587~~
4. Correspondence. Mohn: Abbadie,
5. Observations Marquis of Tweeddale ~~Sandwich~~
6. Donations

Paper, Recent Storm, (Blast; Wind of 29th Nov. – Meldrum

Buchan

Meldrum gets £200

Memorial: – Shew charts, state favourable position of Scotland for investigating Storms – already in possession of facts. Scott said we it fell properly to us. Number of Stations
Meteorological Committee can't take it up for 7 years. Gov. pay charts, ...
... Mauritius
Ask £200 –
... Report Storms ... last six months

Mr. Hope –
– Leslie –
– W. Brown Sergt
Carbon – – Brown of Ashley –
– Dysart –
– Richdson –
– Key –
Lasier –
Mr. McStevn –
Haffner –
Dr. Robn Scott –
Beatso Holt –
P. Scott –
Dr. G. Gd Smith –
G. Soltn –

Mr Sinclair moved Mr. Hope sec.
Appt of Deputn –
Thanks to Mr. Rogers –

21 January 1886

Sir Jas. K. Russell –
John Murphy Esq.
Rt. Moncreiff Esq. –
Mr. A. Russell –
Revd. Dr. Todd –
——— Johnston –
Dr. Baker –
Major King –
Mr. Ogilvy –
Mr. E. & C. Sinclair –
Mr. Key –
John Warrack Esq. –
~~Barclay~~ Wither Esq. –
John Moncreiff Esq. –
Captn. Thomas –
Major Middleton –
Mr. Gray, Southfield –
– W. Dods, Haddo –
– Fraser of Tornaveen –
– Cox, Gorgie –
– George Sqter –
Prof. Balfour –